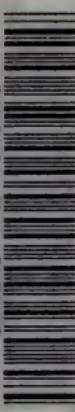


UNIVERSITY OF TORONTO

A standard 1D barcode is located in the upper left corner of the white sticker. It consists of vertical black lines of varying widths on a white background.

3 1761 01188690 0

PA  
6519  
M6A8  
1896

PRESENTED

TO

THE UNIVERSITY OF TORONTO

BY

Copp Clark Company.





## THE METAMORPHOSES OF OVID.

WORKS EDITED BY  
CHARLES HAINES KEENE.

**The Metamorphoses of Ovid, Book XIII.**, with Introduction and Notes. Price 2s. 6d.

**The Eclogues of Calpurnius Siculus and M. Aurelius Olympius Nemesianus**, with Introduction, Commentary, and Appendix. Price 6s.

**P. Ovidii Nasonis Epistolarum Ex Ponto Liber Primus**, with Introduction and Notes. Price 3s.

**The Electra of Euripides**, with Introduction, Notes, and Appendix. Price 10s. 6d.

LONDON : GEORGE BELL & SONS, YORK ST., COVENT GARDEN.  
CAMBRIDGE : DEIGHTON, BELL & CO.

---

**Tales from the Cyropaedia of Xenophon**, with Vocabulary, Notes, and Exercises. Price 1s. 6d.

**Tales of the Civil War from Caesar's Commentaries**, with Vocabulary, Notes, and Exercises. Price 1s. 6d.

**Selections Illustrative of Greek Life from the Minor Works of Xenophon**, with Vocabulary, Notes, and Exercises. Price 1s. 6d.

**Selections Illustrative of Roman Life from the Letters of Pliny**, with Vocabulary and Notes. Price 1s. 6d

**The Crito and Part of the Phaedo (Chaps. LVII.-LXVII.) of Plato**, with Introduction and Notes. Price 2s. 6d.

LONDON : MACMILLAN AND CO., LTD.,  
NEW YORK : MACMILLAN AND CO.

09655  
Classical Series

THE EIGHTH BOOK  
OF  
THE METAMORPHOSES  
OF OVID

[EXPURGATED EDITION]

WITH INTRODUCTION AND NOTES

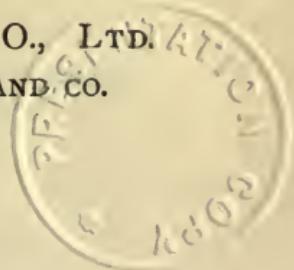
BY  
CHARLES HAINES KEENE, M.A.

37783  
12/6/96.

London  
MACMILLAN AND CO., LTD.  
NEW YORK: MACMILLAN AND CO.

1896

*All rights reserved*



PA  
6519  
M6A8  
1896

GLASGOW: PRINTED AT THE UNIVERSITY PRESS  
BY ROBERT MACLEHOSE AND CO.

## CONTENTS.

	PAGE
<b>INTRODUCTION, . . . . .</b>	vii
 TEXT—	
The Cretan Labyrinth. Transformation of Ariadne, . . . . .	1
Daedalus and Icarus escape on wings from Crete. Death of Icarus, . . . . .	2
Transformation of Perdix, nephew of Daedalus, into a partridge, . . . . .	4
The Calydonian boar hunt. Transformation of the sisters of Meleager into guinea-fowl, . . . . .	4
Theseus entertained by the river-god Achelous, . . . . .	13
Transformation of five nymphs into the islands called the Echinades, . . . . .	14
Transformation of Philemon and Baucis into trees, . . . . .	15
Transformations of the daughter of Erysichthon, . . . . .	19
Transformations of the river-god Achelous, . . . . .	24
 NOTES, . . . . .	25
 VARIOUS READINGS, . . . . .	81
 INDEX, . . . . .	84

Digitized by the Internet Archive  
in 2007 with funding from  
Microsoft Corporation

## INTRODUCTION.

THE fifteen books of the Metamorphoses are Ovid's greatest work, both in bulk and in intrinsic interest. They contain, perhaps, the most complete system of Classical Mythology we possess, covering the period from Chaos, when the earth was without form and void (*rudis indigestaque moles*, i. 7), to the transformation of Julius Caesar into a star. The numerous tales which the work contains are ingeniously linked together so as to form a connected chronological series. The connecting link, however, is often very slight, and some of the episodes can hardly be properly said to describe a transformation, as, for example, the tale of Icarus who was buried in, not transformed into, the island that bore his name.

The subject-matter of the Metamorphoses had been treated by Boeos (Βοῖος) in his *'Ορνιθολογία*, and by the Alexandrine poet, Nicander, in his *'Ετεροιούμενα*, as well as by Parthenius, Theodorus, and Antigonus. We learn through Antoninus Liberalis (who lived about 150 A.D., and wrote in Greek a work on Metamorphoses, which is still extant) that, in part at least, Ovid followed Nicander in his method of connecting together the several legends. Ovid made much use of Homer and Euripides (especially the *Hecuba* and *Bacchae*), and probably also of the works of Hyginus, for, though the Latinity of the *Fabularum*

Liber, attributed to this author, is of a later date, this may be due to the fact that we have only an abridgment of the original work, made doubtless at a late period. C. Julius Hyginus was a friend of Ovid's, was librarian of the Palatine Library and, according to Suetonius, was learned in Alexandrian literature.

The Metamorphoses are in hexameter verse, being the only work in which Ovid has used that metre, except his treatise on the fish of the Black Sea, called Halieutica. It appears from Tristia 1. 7. 13, that the editing of the Metamorphoses was interrupted by Ovid's exile, and that he made an unsuccessful attempt to destroy his work, which had not yet been subjected to the *ultima lima*.

The contents of the present volume are as follows :

The Cretan Labyrinth, the work of Daedalus, is described. Theseus kills the Minotaur and carries off the daughter of Minos, Ariadne, who being deserted by the hero on the island of Naxos, appeals for aid to Bacchus and is by him transformed into the constellation of the Crown. Daedalus, meantime, makes wings by means of which he and his son, Icarus, escape from Crete; but Icarus, in wanton boldness, flies too near the sun, the heat melts the wax that bound together the wings, and the lad falls into the sea and is drowned. His body is buried by his father in an island that is henceforth named Icaria. The burial is watched with malicious pleasure by the bird Perdix, the transformed nephew of Daedalus, the circumstances of whose transformation are described. The fame of Theseus leads to his being invited to take part in the Calydonian boar hunt, and a long account of the hunt follows, concluding with the death of Meleager and the transformation of his sisters into

guinea-fowl. On his way home from the Calydonian hunt Theseus is hospitably entertained by the river-god Achelous. As they sit at table Theseus asks his host what islands those are that lie within view from his cave. The islands were the Echinades and had once been nymphs. Achelous describes the circumstances under which the nymphs had been transformed, and the rudely expressed incredulity of Pirithous on hearing the story leads Lelex, another of the guests, to take his host's part by narrating and personally vouching for the truth of an equally wonderful tale, namely the famous episode of the transformation of Philemon and Baucis into trees. This story wakes such interest among the listeners that Theseus begs to hear more of the wonderful doings of the gods. Achelous, accordingly, premising that some persons, like the changeful Proteus, undergo not merely one transformation but several, tells the strange tale of the various forms assumed by the daughter of Erysichthon. He goes on to say that he himself has the power of assuming different shapes, and this leads to the mention of his celebrated fight with Hercules which forms the opening tale of the Ninth Book.

In common with the most of the books of the Metamorphoses the Eighth Book contains some passages not suitable for school reading. These passages have been omitted in the present edition, and the parts retained correspond very nearly with the selections in the excellent school edition of Johannes Siebelis, edited by Friedrich Polle. I have found the notes of this edition very suggestive, and in one line (657) I have printed Siebelis' altered wording. The text of the present edition, however, is chiefly Merkel's, though with a considerable number of modifications. It has not

been judged necessary to give an *apparatus criticus*, but all the variants of importance found in the chief editions are given on page 81 sq. I have, in the same place, indicated what lines of the complete text correspond to the lines of the present edition. A short account of the chief manuscripts of the Metamorphoses is given in my edition of the Thirteenth Book published some years since and several times reprinted.

Besides the edition of Siebelis, mentioned above, I have consulted the editions of Gierig, edited by Jahn, Leipzig, 1823; Vitus Loers, Leipzig, 1843; Otto Eichert, Breslau, 1866; Merkel, Leipzig, 1880; Moriz Haupt, edited by Otto Korn, Berlin, 1881; Zingerle, in the series edited by Kvičala and Schenkl, Leipzig, 1884; also the translation of the Metamorphoses by George Sandys, London, 1640; Dryden's translations of the episodes of Meleager and Atalanta and of Baucis and Philemon; and Atalanta in Calydon, by Algernon Charles Swinburne.

The references to books of the Metamorphoses are in Roman numerals, *e.g.* in note on line 2 the reference ix. 634 = Metamorphoses, Book 9, line 634.

P. OVIDII NASONIS  
METAMORPHOSEON  
LIBER OCTAVUS.

*The Cretan Labyrinth. Transformation of Ariadne.*

DAEDALUS ingenio fabrae celeberrimus artis  
Ponit opus ; turbatque notas, et lumina flexum  
Dicit in errorem variarum ambage viarum.  
Non secus ac liquidus Phrygiis Maeandros in arvis  
Ludit, et ambiguo lapsu refluitque fluitque, 5  
Occurrensque sibi venturas aspicit undas,  
Et nunc ad fontes, nunc ad mare versus apertum  
Incertas exercet aquas : ita Daedalus implet  
Innumeras errore vias, vixque ipse reverti  
Ad limen potuit ; tanta est fallacia tecti. 10  
Quo postquam geminam tauri iuvenisque figuram  
Clausit, et Actaeo bis pastum sanguine monstrum  
Tertia sors annis domuit repetita novenis ;  
Utque ope virginea nullis iterata priorum  
Ianua difficilis filo est inventa relecto : 15  
Protinus Aegides rapta Minoide Diam  
Vela dedit, comitemque suam crudelis in illo  
Litore destituit. Desertae et multa querenti

Amplexus et opem Liber tulit; utque perenni  
Sidere clara foret, sumptam de fronte coronam 20  
Inmisit caelo. Tenues volat illa per auras,  
Dumque volat, gemmae nitidos vertuntur in ignes  
Consistuntque loco, specie remanente coronae,  
Qui medius Nixique genu est, Anguemque tenentis.

*Daedalus and Icarus escape on wings from Crete. Death  
of Icarus.*

Daedalus interea Creten longumque perosus 25.  
Exilium tactusque loci natalis amore,  
Clausus erat pelago. 'Terras licet' inquit 'et undas  
Obstruat: at caelum certe patet: ibimus illac.  
Omnia possideat, non possidet aëra Minos.'  
Dixit, et ignotas animum dimittit in artes, 30  
Naturamque novat. Nam ponit in ordine pennas,  
A minima coeptas, longam breviore sequenti,  
Ut clivo crevisse putes. Sic rustica quondam  
Fistula disparibus paulatim surgit avenis.  
Tum lino medias et ceris alligat imas, 35  
Atque ita compositas parvo curvamine flectit,  
Ut veras imitetur aves. Puer Icarus una  
Stabat et, ignarus sua se tractare pericla,  
Ore residenti modo quas vaga moverat aura,  
Captabat plumas, flavam modo pollice ceram 40  
Mollibat, lusuque suo mirabile patris  
Impediebat opus. Postquam manus ultima coeptis  
Inposita est, geminas opifex libravit in alas  
Ipse suum corpus, motaque pependit in aura.  
Instruit et natum, 'Medio' que 'ut limite curras, 45  
Icare,' ait 'moneo, ne, si demissior ibis,

Unda gravet pennas, si celsior, ignis adurat.  
 Inter utrumque vola. Nec te spectare Booten  
 Aut Helicen iubeo strictumque Orionis ensem :  
 Me duce carpe viam.' Pariter praecepta volandi 50  
 Tradit et ignotas umeris accommodat alas.  
 Inter opus monitusque genae maduere seniles,  
 Et patriae tremuere manus. Dedit oscula nato  
 Non iterum repetenda suo, pennisque levatus  
 Ante volat, comitique timet, velut ales, ab alto 55  
 Quae teneram prolem produxit in aëra nido ;  
 Hortaturque sequi, damnosasque erudit artes,  
 Et movet ipse suas et nati respicit alas.  
 Hos aliquis tremula dum captat harundine pisces,  
 Aut pastor baculo stivave innixus arator 60  
 Vedit et obstipuit, quique aethera carpere possent,  
 Credidit esse deos. Et iam Iunonia laeva  
 Parte Samos—fuerant Delosque Parosque relictae--  
 Dextra Lebinthus erat fecundaque melle Calymne,  
 Cum puer audaci coepit gaudere volatu, 65  
 Deseruitque ducem caelique cupidine tractus  
 Altius egit iter. Rapidi vicinia solis  
 Mollit odoratas, pennarum vincula, ceras.  
 Tabuerant cerae ; nudos quatit ille lacertos,  
 Remigioque carens non ulla percipit auras, 7c  
 Oraque caerulea patrium clamantia nomen  
 Excipiuntur aqua : quae nomen traxit ab illo.  
 At pater infelix, nec iam pater, 'Icare,' dixit,  
 'Icare,' dixit 'ubi es ? qua te regione requiram ?'  
 'Icare' dicebat, pennas aspexit in undis, 75  
 Devovitque suas artes, corpusque sepulchro  
 Condidit ; et tellus a nomine dicta sepulti.

*Transformation of Perdix, nephew of Daedalus, into a partridge.*

Hunc miseri tumulo ponentem corpora nati  
 Garrula ramosa prospexit ab ilice perdix,  
 Et plausit pennis testataque gaudia cantu est : 80  
 Unica tunc volucris, nec visa prioribus annis,  
 Factaque nuper avis ; longum tibi, Daedale, crimen.  
 Namque huic tradiderat, fatorum ignara, docendam  
 Progeniem germana suam, natalibus actis  
 Bis puerum senis, animi ad paecepta capacis. 85  
 Ille etiam medio spinas in pisce notatas  
 Traxit in exemplum, ferroque incidit acuto  
 Perpetuos dentes et serrae repperit usum.  
 Primus et ex uno duo ferrea bracchia nodo  
 Vinxit, ut aequali spatio distantibus illis 90  
 Altera pars staret, pars altera duceret orbem.  
 Daedalus invidit, sacraque ex arce Minervae  
 Praecipitem misit, lapsum mentitus. At illum  
 Quae favet ingeniis, exceptit Pallas, avemque  
 Reddidit, et medio velavit in aëre pennis. 95  
 Sed vigor ingenii quondam velocis in alas  
 Inque pedes abiit : nomen quod et ante, remansit.  
 Non tamen haec alte volucris sua corpora tollit,  
 Nec facit in ramis altoque cacumine nidos ;  
 Propter humum volitat, ponitque in saepibus ova, 100  
 Antiquique memor metuit sublimia casus.

*The Calydonian boar hunt. Transformation of the Sisters of Meleager into guinea-fowl.*

Iamque fatigatum tellus Aetnaea tenebat  
 Daedalon, et sumptis pro supplice Cocalus armis  
 Mitis habebatur : iam lamentabile Athenae

Pendere desierant Thesea laude tributum. 105  
 Templa coronantur, bellatricemque Minervam  
 Cum Iove disque vocant aliis, quos sanguine voto  
 Muneribusque datis et acerris turis adorant.  
 Sparserat Argolicas nomen vaga fama per urbes  
 Theseos, et populi, quos dives Achaia cepit, 110  
 Huius opem magnis inploravere periclis.  
 Huius opem Calydon, quamvis Meleagron haberet,  
 Sollicita supplex petiit prece. Causa petendi  
 Sus erat, infestae famulus vindexque Dianaee.  
 Oenea namque ferunt pleni successibus anni 115  
 Primitias frugum Cereri, sua vina Lyaeo,  
 Palladios flavae latices libasse Minervae.  
 Coeptus ab agricolis superos pervenit ad omnes  
 Ambitiosus honor : solas sine ture relictas  
 Praeteritae cessasse ferunt Latoidos aras. 120  
 Tangit et ira deos. 'At non inpune feremus,  
 Quaeque inhonoratae, non et dicemur inultae'  
 Inquit, et Oeneos ultorem spreta per agros  
 Misit aprum, quanto maiores herbida tauros  
 Non habet Epiros et habent Sicula arva minores. 125  
 Sanguine et igne micant oculi, riget ardua cervix,  
 Fervida cum rauco latos stridore per armos  
 Spuma fluit, dentes aequantur dentibus Indis :  
 Fulmen ab ore venit, frondes afflatibus ardent.  
 Is modo crescentes segetes proculat in herba, 130  
 Nunc matura metit fleturi vota coloni,  
 Et Cererem in spicis intercipit. Area frustra  
 Et frustra expectant promissas horrea messes.  
 Sternuntur gravi longo cum palmite fetus  
 Bacaque cum ramis semper frondentis olivae. 135

Saevit et in pecudes ; non has pastorve canesve,  
 Non armenta truces possunt defendere tauri.  
 Diffugiunt populi, nec se nisi moenibus urbis  
 Esse putant tutos ; donec Meleagros et una  
 Lecta manus iuvenum coiere cupidine laudis : 140  
 Tyndaridae gemini, spectatus caestibus alter,  
 Alter equo, primaeque ratis molitor Iason,  
 Et cum Piritthoo, felix concordia, Theseus,  
 Et duo Thestiadae, proles Aphareïa, Lynceus  
 Et velox Idas, et iam non femina Caeneus, 145  
 Leucippusque ferox iaculoque insignis Acastus,  
 Hippothousque Dryasque et cretus Amyntore Phoenix,  
 Actoridaeque pares, et missus ab Elide Phyleus.  
 Nec Telamon aberat magnique creator Achillis,  
 Cumque Pheretiade et Hyanteo Iolao 150  
 Impiger Eurytion et cursu invictus Echion,  
 Naryciusque Lelex Panopeusque Hyleusque feroxque  
 Hippasus, et primis etiamnum Nestor in annis,  
 Et quos Hippocoön antiquis misit Amyclis,  
 Penelopesque socer cum Parrhasio Ancaeо, 155  
 Ampycidesque sagax et adhuc a coniuge tutus  
 Oeclides, nemorisque decus Tegeaea Lycaeи.  
 Rasilis huic summam mordebat fibula vestem ;  
 Crinis erat simplex, nodum collectus in unum :  
 Ex umero pendens resonabat eburnea laevo 160  
 Telorum custos, arcum quoque laeva tenebat.  
 Talis erat cultu : facies, quam dicere vere  
 Virgineam in puerō, puerilem in virgine posses.  
 Hanc pariter vidit, pariter Calydonius heros  
 Optavit, renuente deo, flamasque latentes 165  
 Hausit, et 'O felix, si quem dignabitur' inquit

‘Ista virum !’ nec plura sinit tempusque pudorque  
Dicere : maius opus magni certaminis urguet.

Silva frequens trabibus, quam nulla ceciderat aetas,  
Incipit a plano, devexaque prospicit arva. 170

Quo postquam venere viri, pars retia tendunt,  
Vincula pars adimunt canibus, pars pressa sequuntur  
Signa pedum, cupiuntque suum reperire periculum.  
Concava vallis erat, quo se demittere rivi.

Assuerant pluvialis aquae : tenet ima lacunae 175

Lenta salix ulvaeque leves iuncique palustres  
Viminaque et longa parvae sub harundine cannae.  
Hinc aper excitus medios violentus in hostes  
Fertur, ut excussis elisi nubibus ignes.

Sternitur incursu nemus, et propulsa fragorem 180

Silva dat ; exclamant iuvenes, praetentaque forti  
Tela tenent dextra lato vibrantia ferro.

Ille ruit spargitque canes, ut quisque furenti

Obstat, et obliquo latrantes dissipat ictu.

Cuspis Echionio primum contorta lacerto 185

Vana fuit, truncoque dedit leve vulnus acerno.

Proxima, si nimiis mittentis viribus usa

Non foret, in tergo visa est haesura petito :

Longius it ; auctor teli Pagaseus Iason.

‘Phoebe,’ ait Ampycides ‘si te coluique coloque, 190

Da mihi quod petitur certo contingere telo !’

Qua potuit, precibus deus annuit ; ictus ab illo est,

Sed sine vulnere, aper : ferrum Diana volanti

Abstulerat iaculo ; lignum sine acumine venit.

Ira feri mota est, nec fulmine lenius arsit : 195

Emicat ex oculis, spirat quoque pectore flamma.

Utque volat moles adducto concita nervo,

Cum petit aut muros aut plenas milite turres,  
 In iuvenes vasto sic impete vulnificus sus  
 Fertur, et Eupalamon Pelagonaque, dextra tuentes 200  
 Cornua, prosternit. Socii rapuere iacentes.  
 At non letiferos effugit Enaesimus ictus  
 Hippocoonte satus; trepidantem et terga parantem  
 Vertere succiso liquerunt poplite nervi.  
 Forsitan et Pylius citra Troiana perisset 205  
 Tempora: sed sumpto posita conamine ab hasta  
 Arboris insiluit, quae stabat proxima, ramis,  
 Despexitque, loco tutus, quem fugerat hostem.  
 Dentibus ille ferox in querno stipite tritis  
 Eurytidae magni rostro femur hausit adunco. 210  
 At gemini, nondum caelestia sidera, fratres,  
 Ambo conspicui, nive candidioribus ambo  
 Vectabantur equis, ambo vibrata per auras  
 Hastarum tremulo quatiebant spicula motu.  
 Vulnera fecissent, nisi saetiger inter opacas,  
 Nec iaculis isset nec equo loca pervia, silvas. 215  
 Persequitur Telamon, studioque incautus eundi  
 Pronus ab arborea cecidit radice retentus.  
 Dum levat hunc Peleus, celerem Tegeaea sagittam  
 Inposuit nervo sinuatoque expulit arcu. 220  
 Fixa sub aure feri summum destringit harundo  
 Corpus, et exiguo rubefecit sanguine saetas.  
 Nec tamen illa sui successu laetior ictus,  
 Quam Meleagros erat. Primus vidisse putatur,  
 Et primus sociis visum ostendisse cruorem, 225  
 Et 'Meritum' dixisse 'feres virtutis honorem.'  
 Erubuere viri, seque exhortantur et addunt  
 Cum clamore animos, iaciuntque sine ordine tela.

Turba nocet iactis, et quos petit, impedit ictus.  
 Ecce furens contra sua fata bipennifer Arcas : 230  
 'Discite, femineis quid tela virilia praestent,  
 O iuvenes, operique meo concedite ! ' dixit.  
 'Ipsa suis licet hunc Latonia protegat armis,  
 Invita tamen hunc perimet mea dextra Diana.'  
 Talia magniloquo tumidus memoraverat ore, 235  
 Ancipitemque manu tollens utraque securim  
 Institerat digitis, primos suspensus in artus.  
 Occupat audentem, quaeque est via proxima leto,  
 Summa ferus geminos direxit ad inguina dentes.  
 Concidit Ancaeus, glomerataque sanguine multo 240  
 Viscera lapsa fluunt, madefactaque terra cruore est.  
 Ibat in adversum proles Ixionis hostem  
 Pirithous, valida quatiens venabula dextra.  
 Cui 'Procul,' Aegides 'o me mihi carior' inquit  
 'Pars animae consiste meae ! licet eminus esse 245  
 Fortibus : Ancaeo nocuit temeraria virtus.'  
 Dixit, et aerata torsit grave cuspide cornum ;  
 Quo bene librato votique potente futuro  
 Obsttit aesculea frondosus ab arbore ramus.  
 Misit et Aesonides iaculum, quod casus ab illo 250  
 Vertit in inmeriti fatum latrantis, et inter  
 Ilia coniectum tellure per ilia fixum est.  
 At manus Oenidae variat, missisque duabus,  
 Hasta prior terra, medio stetit altera tergo. 254  
 Nec mora, dum saevit, dum corpora versat in orbem,  
 Stridentemque novo spumam cum sanguine fundit,  
 Vulneris auctor adest, hostemque irritat ad iram,  
 Splendidaque adversos venabula condit in armos.  
 Gaudia testantur socii clamore secundo,

Victricemque petunt dextrae coniungere dextram; 260  
 Inmanemque ferum multa tellure iacentem  
 Mirantes spectant, neque adhuc contingere tutum  
 Esse putant, sed tela tamen sua quisque cruentat.  
 Ipse pede inposito caput exitiabile pressit,  
 Atque ita 'Sume mei spolium, Nonacria, iuris,' 265  
 Dixit 'et in partem veniat mea gloria tecum.'  
 Protinus exuvias, rigidis horrentia saetis  
 Terga dat et magnis insignia dentibus ora.  
 Illi laetitiae est cum munere muneris auctor.  
 Invidere alii: totoque erat agmine murmur. 270  
 E quibus ingenti tendentes bracchia voce,  
 'Pone age, nec titulos intercipe; femina, nostros,'  
 Thestiadae clamant 'nec te fiducia formae  
 Decipiat, ne sit longe tibi captus amore  
 Auctor,' et huic adimunt munus, ius muneris illi. 275  
 Non tulit, et tumida frendens Mavortius ira  
 'Discite, raptore alieni' dixit 'honoris,  
 Facta minis quantum distent' hausitque nefando  
 Pectora Plexippi, nil tale timentia, ferro.  
 Toxea, quid faciat, dubium pariterque volentem 280  
 Ulcisci fratrem fraternaque fata timentem  
 Haud patitur dubitare diu, calidumque prioris  
 Caede recalfecit consorti sanguine telum.  
 Dona deum templis nato victore ferebat,  
 Cum videt extinctos fratres Althaea referri. 285  
 Quae plangore dato maestis clamoribus urbem  
 Implet, et auratis mutavit vestibus atras.  
 At simul est auctor necis editus, excidit omnis  
 Luctus, et a lacrimis in poenae versus amorem est.  
 Stipes erat, quem, cum partus enixa iaceret 290

Thestias, in flammam triplices posuere sorores ;  
 Staminaque impresso fatalia pollice nentes  
 'Tempora' dixerunt 'eadem lignoque tibique,  
 O modo nate, damus.' Quo postquam carmine dicto  
 Excessere deae, flagrantem mater ab igne 295  
 Eripuit torrem sparsitque liquentibus undis.  
 Ille diu fuerat penetralibus abditus imis,  
 Servatusque tuos, iuvenis, servaverat annos.  
 Protulit hunc genetrix, taedasque et fragmina poni  
 Imperat, et positis inimicos admovet ignes. 300  
 Tum conata quater flammis inponere ramum,  
 Coepta quater tenuit ; pugnant materque sororque,  
 Et diversa trahunt unum duo nomina pectus.  
 Saepe metu sceleris pallebant ora futuri,  
 Saepe suum fervens oculis dabat ira ruborem ; 305  
 Et modo nescio quid similis crudele minanti  
 Vultus erat, modo quem misereri credere posses.  
 Cumque ferus lacrimas animi siccaverat ardor,  
 Inveniebantur lacrimae tamen ; utque carina,  
 Quam ventus ventoque rapit contrarius aestus, 310  
 Vim geminam sentit, paretque incerta duobus :  
 Thestias haud aliter dubiis affectibus errat,  
 Inque vices ponit positamque resuscitat iram.  
 Incipit esse tamen melior germana parente,  
 'Poenarum' que 'deae triplices, ferialibus,' inquit, 315  
 'Eumenides, sacris vultus advertite vestros.  
 Ulciscor facioque nefas ; mors morte pianda est :  
 In scelus addendum scelus est, in funera funus :  
 Per coacervatos pereat domus impia luctus.  
 An felix Oeneus nato victore fruetur, 320  
 Thestius orbus erit ? Melius lugebitis ambo.

Vos modo, fraterni manes animaeque recentes,  
 Officium sentite meum, magnoque paratas  
 Accipite inferias, uteri mala pignora nostri.  
 Ei mihi ! quo rapior ? fratres ignoscite matri ! 325  
 Deficiunt ad coepita manus. Meruisse fatemur  
 Illum, cur pereat : mortis mihi displicet auctor.  
 Ergo impune feret, vivusque et victor et ipso  
 Successu tumidus regnum Calydonis habebit,  
 Vos cinis exiguus gelidaeque iacebitis umbrae ? 330  
 Haud equidem patiar. Pereat sceleratus, et ille  
 Spemque patris regnique trahat patriaeque ruinam.  
 Mens ubi materna est ? ubi sunt pia iura parentum ?  
 O utinam primis arsisses ignibus infans,  
 Idque ego passa forem ! Vixisti munere nostro ; 335  
 Nunc merito moriere tuo. Cape praemia facti,  
 Bisque datam, primum partu, mox stipite rapto,  
 Redde animam, vel me fraternis adde sepulchris.  
 Et cupio et nequeo. Quid agam ? Modo vulnera fratribus  
 Ante oculos mihi sunt et tantae caedis imago : 340  
 Nunc animum pietas maternaque nomina frangunt.  
 Me miseram ! male vincetis, sed vincite, fratres :  
 Dummodo quae dedero vobis solacia, vosque  
 Ipsa sequar.' Dixit, dextraque aversa trementi  
 Funereum torrem medios coniecit in ignes. 345  
 Aut dedit, aut visus gemitus est ille dedisse  
 Stipes, ut invitatis correptus ab ignibus arsit.  
 Inscius atque absens flamma Meleagros ab illa  
 Uritur, et caecis torrii viscera sentit  
 Ignibus, ac magnos superat virtute dolores. 350  
 Quod tamen ignavo cadat et sine sanguine leto,  
 Maeret, et Ancae felicia vulnera dicit :

Grandaevumque patrem fratresque piasque sorores  
 Cum gemitu sociamque tori vocat ore supremo,  
 Forsitan et matrem. Crescunt ignisque dolorque, 355  
 Languescuntque iterum : simul est extinctus uterque,  
 Inque leves abiit paulatim spiritus auras  
 Paulatim cana prunam velante favilla.  
 Alta iacet Calydon : lugent iuvenesque senesque,  
 Vulgusque proceresque gemunt scissaeque capillos 360  
 Planguntur matres Calydonides Eveninae.  
 Pulvere canitiem genitor vultusque seniles  
 Foedat humi fusus, spatiosumque increpat aevum.  
 Nam de matre manus diri sibi conscientia facti  
 Exegit poenas acto per viscera ferro. 365  
 Non mihi si centum deus ora sonantia linguis  
 Ingeniumque capax totumque Helicona dedisset,  
 Tristia persequerer miserarum dicta sororum.  
 Inmemores decoris liventia pectora tundunt ; 369  
 Dumque manet corpus, corpus refoventque foventque,  
 Oscula dant ipsi, posito dant oscula lecto :  
 Post cinerem cineres haustos ad pectora pressant,  
 Adfusaeque iacent tumulo, signataque saxo  
 Nomina complexae lacrimas in nomina fundunt.  
 Quas, Parthaoniae tandem Latonia clade 375  
 Exsatiata domus, praeter Gorgenque nurumque  
 Nobilis Alcmenae, natis in corpore pennis  
 Allevat et longas per bracchia porrigit alas  
 Corneaque ora facit versasque per aëra mittit.

*Theseus entertained by the river god Achelous.*

Interea Theseus, sociati parte laboris 380  
 Functus, Erechtheas Tritonidos ibat ad arces.

Clausit iter fecitque moras Achelous eunti  
 Imbre tumens. 'Succede meis,' ait 'inclite, tectis,  
 Cecropida, nec te committe rapacibus undis.  
 Ferre trabes solidas obliquaque volvere magno 385  
 Murmure saxa solent. Vidi contermina ripae  
 Cum gregibus stabula alta trahi ; nec fortibus illic  
 Profuit armentis, nec equis velocibus esse.  
 Multa quoque hic torrens, nivibus de monte solutis,  
 Corpora turbineo iuvenalia vertice mersit. 390  
 Tutior est requies, solito dum flumina currant  
 Limite, dum tenues capiat suus alveus undas.'  
 Annuit Aegides 'Utar,' que 'Acheloe, domoque  
 Consilioque tuo' respondit, et usus utroque est.  
 Pumice multicavo nec levibus atria tophis 395  
 Structa subit : molli tellus erat umida musco ;  
 Summa lacunabant alterno murice conchae.  
 Iamque duas lucis partes Hyperione meno  
 Discubuere toris Theseus comitesque laborum :  
 Hac Ixionides, illa Troezenius heros 400  
 Parte Lelex, raris iam sparsus tempora canis,  
 Quosque alios parili fuerat dignatus honore  
 Amnis Acarnanum, laetissimus hospite tanto.

*Transformation of five nymphs into the islands called the Echinades.*

Protinus apposas nudae vestigia nymphae  
 Instruxere epulis mensas, dapibusque remotis 405  
 In gemma posuere merum. Tum maximus heros,  
 Aequora prospiciens oculis subiecta, 'Quis' inquit  
 'Ille locus ?' digitoque ostendit, et 'Insula nomen  
 Quod gerit illa, doce : quamquam non una videtur.'

Amnis ad haec 'non est' inquit 'quod cernitis, unum. 410  
 Quinque iacent terrae : spatium discrimina fallit.  
 Quoque minus spretae factum mirere Diana,  
 Naides hae fuerant, quae cum bis quinque iuvencos  
 Mactassent rurisque deos ad sacra vocassent,  
 Inmemores nostri festas duxere choreas. 415  
 Intumui, quantusque feror, cum plurimus umquam,  
 Tantus eram, pariterque animis inmanis et undis  
 A silvis silvas et ab arvis arva revelli,  
 Cumque loco nymphas, memores tum denique nostri,  
 In freta provolvi. Fluctus nosterque marisque 420  
 Continuam diduxit humum, partesque resolvit  
 In totidem, mediis quot cernis Echinadas undis.

*Transformation of Philemon and Baucis into trees.*

Amnis ab his tacuit. Factum mirabile cunctos  
 Moverat ; irridet credentes, utque deorum  
 Spretor erat mentisque ferox Ixione natus, 425  
 'Ficta refers, nimiumque putas, Acheloe, potentes  
 Esse deos,' dixit 'si dant adimuntque figuras.'  
 Obstipuere omnes, nec talia dicta probarunt ;  
 Ante omnesque Lelex, animo maturus et aevo,  
 Sic ait : Inmensa est finemque potentia caeli 430  
 Non habet, et quicquid superi voluere, peractum est.  
 Quoque minus dubites, tiliae contermina quercus  
 Collibus est Phrygiis, modico circumdata muro :  
 Ipse locum vidi ; nam me Pelopeia Pittheus  
 Misit in arva, suo quondam regnata parenti. 435  
 Haud procul hinc stagnum est, tellus habitabilis olim,  
 Nunc celebres mergis fulicisque palustribus undae.

Iuppiter huc specie mortali, cumque parente  
Venis Atlantiades positis caducifer alis.

Mille domos adiere, locum requiemque petentes : 440

Mille domos clausere sera. Tamen una recepit,

Parva quidem, stipulis et canna tecta palustri :

Sed pia Baucis anus parilique aetate Philemon

Illa sunt annis iuncti iuvenalibus, illa

Consenuere casa ; paupertatemque fatendo

445

Effecere levem nec iniqua mente ferendo.

Nec refert, dominos illic, famulosne requiras :

Tota domus duo sunt, idem parentque iubentque.

Ergo ubi caelicolae parvos tetigere penates,

450

Summisque humiles intrarunt vertice postes,

Membra senex posito iussit relevare sedili,

Quo superiniecit textum rude sedula Baucis.

Inde foco tepidum cinerem dimovit et ignes

Suscitat hesternos foliisque et cortice sicco

455

Nutrit et ad flamas anima producit anili,

Multifidasque faces ramaliaque arida tecto

Detulit et minuit, parvoque admovit aëno.

Quodque suus coniunx riguo collegerat horto,

Truncat holus foliis. Furca levat ille bicorni

460

Sordida terga suis nigro pendentia tigno,

Servatoque diu resecat de tergore partem

Exiguam, sectamque domat ferventibus undis.

Interea medias fallunt sermonibus horas,

Concutiuntque torum de molli fluminis ulva

Inpositum lecto, sponda pedibusque salignis.

465

Vestibus hunc velant, quas non nisi tempore festo

Sternere consuerant : sed et haec vilisque vetusque

Vestis erat, lecto non indignanda saligno.

Accubuere dei. Mensam succincta tremensque  
 Ponit anus ; mensae sed erat pes tertius impar : 470  
 Testa parem fecit ; quae postquam subdita clivum  
 Sustulit, aequatam mentae tersere virentes.  
 Ponitur hic bicolor sincerae baca Minervae,  
 Conditaque in liquida corna autumnalia faece,  
 Intibaque et radix et lactis massa coacti, 475  
 Ovaque non acri leviter versata favilla,  
 Omnia fictilibus. Post haec caelatus eodem  
 Sistitur argento crater fabricataque fago  
 Pocula, qua cava sunt, flaventibus illita ceris.  
 Parva mora est, epulasque foci misere calentes, 480  
 Nec longae rursus referuntur vina senectae,  
 Dantque locum mensis paulum seducta secundis.  
 Hic nux, hic mixta est rugosis carica palmis  
 Prunaque et in patulis redolentia mala canistris  
 Et de purpureis collectae vitibus uvae. 485  
 Candidus in medio favus est. Super omnia vultus  
 Accessere boni nec iners pauperque voluntas.  
 Interea totiens haustum cratera repleri  
 Sponte sua, per seque vident succrescere vina.  
 Attoniti novitate pavent, manibusque supinis 490  
 Concipiunt Baucisque preces timidusque Philemon,  
 Et veniam dapibus nullisque paratibus orant.  
 Unicus anser erat, minimae custodia villae,  
 Quem dis hospitibus domini mactare parabant.  
 Ille celer penna tardos aetate fatigat, 495  
 Eluditque diu, tandemque est visus ad ipsos  
 Confugisse deos. Superi vetuere necari :  
 'Di' que 'sumus, meritasque luet vicinia poenas  
 Impia' dixerunt ; 'vobis inmunibus huius

Esse mali dabitur ; modo vestra relinquite tecta 500  
 Ac nostros comitate gradus et in ardua montis  
 Ite simul.' Parent ambo, baculisque levati  
 Nituntur longo vestigia ponere clivo.  
 Tantum aberant summo, quantum semel ire sagitta  
 Missa potest : flexere oculos, et mersa palude 505  
 Cetera prospiciunt, tantum sua tecta manere.  
 Dumque ea mirantur, dum deflent fata suorum,  
 Illa vetus, dominis etiam casa parva duobus  
 Vertitur in templum : furcas subiere columnae,  
 Stramina flavescunt aurataque tecta videntur, 510  
 Caelataeque fores, adopertaque marmore tellus.  
 Talia tum placido Saturnius edidit ore :  
 'Dicite, iuste senex et femina coniuge iusto  
 Digna, quid optetis.' Cum Baucide pauca locutus,  
 Iudicium superis aperit commune Philemon : 515  
 'Esse sacerdotes delubraque vestra tueri  
 Poscimus ; et quoniam concordes egimus annos,  
 Auferat hora duos eadem, nec coniugis umquam  
 Busta meae videam, neu sim tumulandus ab illa.'  
 Vota fides sequitur ; templi tutela fuere, 520  
 Donec vita data est. Annis aevoque soluti  
 Ante gradus sacros cum starent forte locique  
 Narrarent casus, frondere Philemona Baucis,  
 Baucida conspexit senior frondere Philemon.  
 Iamque super geminos crescente cacumine vultus 525  
 Mutua, dum licuit, reddebat dicta 'Vale' que  
 'O coniunx' dixere simul, simul abdita texit  
 Ora frutex. Ostendit adhuc Cibyreius illic  
 Incola de gemino vicinos corpore truncos.  
 Haec mihi non vani, neque erat cur fallere vellent, 530

Narravere senes ; equidem pendentia vidi  
 Serta super ramos, ponensque recentia dixi  
 'Cura pii dis sunt, et qui coluere, coluntur.'

*Transformations of the daughter of Erysichthon.*

Desierat ; cunctosque et res et moverat auctor :  
 Thesea praecipue, quem facta audire volentem 535  
 Mira deum, innixus cubito Calydonius amnis  
 Talibus alloquitur : 'Sunt, o fortissime, quorum  
 Forma semel mota est, et in hoc renovamine mansit ;  
 Sunt, quibus in plures ius est transire figuras,  
 Ut tibi, complexi terram maris incola, Proteu. 540  
 Nam modo te iuvenem, modo te videre leonem ;  
 Nunc violentus aper, nunc, quem tetigisse timerent,  
 Anguis eras ; modo te faciebant cornua taurum :  
 Saepe lapis poteras, arbor quoque saepe videri :  
 Interdum, faciem liquidarum imitatus aquarum, 545  
 Flumen eras, interdum undis contrarius ignis.'

Nec minus Autolyci coniunx, Erysichthone nata,  
 Iuris habet. Pater huius erat, qui numina divum  
 Sperneret et nulos aris adoleret honores.  
 Ille etiam Cereale nemus violasse securi 550  
 Dicitur et lucos ferro temerasse vetustos.  
 Stabat in his ingens annoso robore quercus,  
 Una nemus ; vittae mediam memoresque tabellae  
 Sertaque cingebant, voti argumenta potentis.  
 Saepe sub hac dryades festas duxere choreas : 555  
 Saepe etiam manibus nexit ex ordine trunci  
 Circuiere modum, mensuraque roboris ulnas  
 Quinque ter implebat. Nec non et cetera tanto

Silva sub hac, silva quanto fuit herba sub omni.  
 Non tamen idcirco ferrum Triopeius illa . . . . . 560  
 Abstinuit, famulosque iubet succidere sacrum  
 Robur : et ut iussos cunctari vidit, ab uno  
 Edidit haec rapta sceleratus verba securi :  
 ' Non dilecta deae solum, sed et ipsa licebit  
 Sit dea, iam tanget frondente cacumine terram.' 565  
 Dixit, et obliuos dum telum librat in ictus,  
 Contremuit gemitumque dedit Deoia quercus :  
 Et pariter frondes, pariter pallescere glandes  
 Coepere ac longi pallorem ducere rami.  
 Cuius ut in trunko fecit manus impia vulnus, 570  
 Haud aliter fluxit discusso cortice sanguis,  
 Quam solet, ante aras ingens ubi victima taurus  
 Concidit, abrupta cruor e cervice profundi.  
 Obstipuere omnes : aliquisque ex omnibus audet  
 Detergere nefas, saevamque inhibere bipennem. 575  
 Aspicit hunc, 'mentis' que 'piae cape praemia!' dixit  
 Thessalus, inque virum convertit ab arbore ferrum,  
 Detruncatque caput ; repetitaque robora caedit,  
 Redditus e medio sonus est cum robore talis :  
 ' Nympha sub hoc ego sum Cereri gratissima ligno, 580  
 Quae tibi factorum poenas instare tuorum  
 Vaticinor moriens, nostri solacia leti.'  
 Persequitur scelus ille suum : labefactaque tandem  
 Ictibus innumeris adductaque funibus arbor  
 Corruit et multam prostravit pondere silvam. 585  
 Attonitae dryades damno nemorumque suoque,  
 Omnes germanae, Cererem cum vestibus atris  
 Maerentes adeunt poenamque Erysichthonis orant.  
 Annuit his, capitisque sui pulcherrima motu

Concussit gravidis oneratos messibus agros : 590  
 Moliturque genus poenae miserabile, si non  
 Ille suis esset nulli miserabilis actis,  
 Pestifera lacerare Fame. Quae quatenus ipsi  
 Non adeunda deae est—neque enim Cereremque  
 Famemque

Fata coire sinunt—montani numinis unam 595  
 Talibus agrestem compellat oreada dictis :  
 ‘Est locus extremis Scythiae glacialis in oris,  
 Triste solum, sterilis, sine fruge, sine arbore tellus ;  
 Frigus iners illic habitant Pallorque Tremorque  
 Et iejuna Fames ; ea se in praecordia condat 600  
 Sacrilegi scelerata, iube : nec copia rerum  
 Vincat eam, superetque meas certamine vires.  
 Neve viae spatium te terreat, accipe currus,  
 Accipe, quos frenis alte moderere, dracones,’  
 Et dedit. Illa dato subvecta per aëra curru 605  
 Devenit in Scythiam, rigidique cacumine montis,  
 Caucason appellant, serpentum colla levavit :  
 Quaesitamque Famem lapidoso vidi in agro  
 Unguibus et raras vellentem dentibus herbas.  
 Hirtus erat crinis, cava lumina, pallor in ore, 610  
 Labra incana situ, scabrae rubigine fauces,  
 Dura cutis, per quam spectari viscera possent :  
 Ossa sub incurvis extabant arida lumbis,  
 Ventris erat pro ventre locus, genuumque tumebat  
 Orbis, et inmodico prodibant tubere tali. 615  
 Hanc procul ut vidi,—neque enim est accedere iuxta  
 Ausa—refert mandata deae : paulumque morata,  
 Quamquam aberat longe, quamquam modo venerat  
 illuc,

Visa tamen sensisse famem ; retroque dracones  
 Egit in Haemoniam, versis sublimis habenis. 620  
 Dicta Fames Cereris, quamvis contraria semper  
 Illius est operi, peragit, perque aëra vento  
 Ad iussam delata domum est, et protinus intrat  
 Sacrilegi thalamos, altoque sopore solutum—  
 Noctis erat tempus—geminis amplectitur ulnis : 625  
 Seque viro inspirat, faucesque et pectus et ora  
 Afflat, et in vacuis spargit ieiunia venis ;  
 Functaque mandato fecundum deserit orbem,  
 Inque domos inopes, adsueta revertitur antra.  
 Lenis adhuc somnus placidis Erysichthona pennis 630  
 Mulcebat : petit ille dapes sub imagine somni,  
 Oraque vana movet dentemque in dente fatigat,  
 Exercetque cibo delusum guttur inani,  
 Proque epulis tenues nequiquam devorat auras.  
 Ut vero est expulsa quies, furit ardor edendi, 635  
 Perque avidas fauces inmensaque viscera regnat.  
 Nec mora : quod pontus, quod terra, quod educat aër,  
 Poscit ; et appositis queritur ieiunia mensis,  
 Inque epulis epulas quaerit : quodque urbibus esse,  
 Quodque satis populo poterat, non sufficit uni : 640  
 Plusque cupid, quo plura suam demittit in alvum.  
 Utque fretum recipit de tota flumina terra,  
 Nec satiatur aquis, peregrinosque ebbit amnes,  
 Utque rapax ignis non umquam alimenta recusat,  
 Innumerisque trabes cremat, et quo copia maior 645  
 Est data, plura petit, turbaque voracior ipsa est :  
 Sic epulas omnes Erysichthonis ora profani  
 Accipiunt, poscuntque simul ; cibus omnis in illo  
 Causa cibi est, semperque locus fit inanis edendo.

Iamque fame patrias altaque voragine ventris 650  
 Attenuarat opes : sed inattenuata manebat  
 Tum quoque dira fames, in placataeque vigebat  
 Flamma gulæ. Tandem, demisso in viscera censu,  
 Filia restabat, non illo digna parente. 654

Hanc quoque vendit inops. Dominum generosa recusat,  
 Et vicina suas tendens super aequora palmas  
 'Eripe me domino,' dixit 'Neptune precantem.'  
 Qui prece non spreta, quamvis modo visa sequenti  
 Esset ero, formamque novat vultumque virilem  
 Induit, et cultus pisces capientibus aptos. 660

Hanc dominus spectans 'O qui pendentia parvo  
 Aera cibo celas, moderator harundinis,' inquit  
 'Sic mare compositum, sic sit tibi piscis in unda  
 Credulus, et nulos, nisi fixus, sentiat hamos :  
 Quae modo cum vili turbatis veste capillis 665

Litore in hoc steterat, nam stantem in liture vidi,  
 Dic ubi sit : neque enim vestigia longius extant.'  
 Illa dei munus bene cedere sensit, et a se  
 Se quaeri gaudens, his est resecuta rogantem :  
 'Quisquis es, ignoscas ; in nullam lumina partem 670

Gurgite ab hoc flexi, studioque operatus inhaesi.  
 Quoque minus dubites, sic has deus aequoris artes  
 Adiuvet, ut nemo iamdudum liture in isto,  
 Me tamen excepto, nec femina constitit ulla.'

Credidit, et verso dominus pede pressit harenam, 675  
 Elususque abiit. Illi sua redditæ forma est.  
 Ast ubi habere suam transformia corpora sensit,  
 Saepe pater dominis Triopeïda tradit. At illa  
 Nunc equa, nunc ales, modo bos, modo cervus abibat,  
 Praebebatque avido non iusta alimenta parenti. 680

Vis tamen illa mali postquam consumpserat omnem  
Materiam, dederatque gravi nova pabula morbo,  
Ipse suos artus lacero divellere morsu  
Coepit, et infelix minuendo corpus alebat. 684

*Transformations of the river god Achelous.*

Quid moror externis? Etiam mihi saepe novandi est  
Corporis, o iuvenes, numero finita potestas.  
Nam modo qui nunc sum videor: modo flector in  
anguem:  
Armenti modo dux vires in cornua sumo;  
Cornua, dum potui, nunc pars caret altera telo  
Frontis, ut ipse vides.' Gemitus sunt verba securi. 690

## NOTES.

1-24. Minos, king of Crete, to avenge the death of his son Androgeos, who had been treacherously slain by the Athenians, made war on them, and imposed on them a tribute of seven youths and seven maidens, yearly, according to Apollodorus and Diodorus Siculus, or, according to Ovid and Plutarch, once every nine years. These youths and maidens were given over to be devoured by the Minotaur, a monster with a human body and a bull's head, or, according to others, with a bull's body and a human head. The monster was kept in the labyrinth at Cnossus in Crete, which was constructed to receive him by Daedalus. When the tribute was being despatched for the third time, Theseus volunteered to go as one of the seven youths. Arrived at Crete he won the favour of Ariadne, daughter of Minos, who gave him a clue to guide him through the intricacies of the labyrinth, and a sword with which he slew the Minotaur. Having killed the Minotaur and escaped from the labyrinth, Theseus sailed away, taking with him Ariadne, whom however he abandoned in the island of Naxos, called in this passage, as often in the poets, Dia. Here Bacchus finding her made her his wife, and placed among the stars the crown he gave her at their marriage.

In the present passage Ovid merely alludes to the story of Ariadne. He gives it more fully in the *Fasti* 3. 460 sq., *Her.* 10, 13 sq., and *Ars Am.* 1, 527 sq. The story is also given in *Hyginus*. Homer (*Od.* 11, 321) says that Ariadne was slain by Artemis in Naxos. The constellation of the Crown consists of nine stars, and is situated between Hercules and Ophiuchus.

Many writers regard the labyrinth as a pure fiction. It may however have a basis of fact, for in the neighbourhood of Cnossus there are subterranean passages, apparently sepulchral, in the rocks. Near Gortyn there are still more

extensive subterranean passages, the remains of ancient quarries, whose tortuous windings answer well enough to the descriptions of the labyrinth.

1. **Daedalus**, whose name is known already in the Iliad (18. 592), was the mythological representative of the earliest development of the arts of sculpture and architecture. He was especially associated with Athens and with Crete, each of which claims to have been his birthplace. His name means 'the cunning worker,' 'the artist,' and he is said to have been the first sculptor to give the appearance of motion to statues by separating the feet.

*ingenio fabrae celeberrimus artis*, 'famed for his talent for the plastic art.'

2. **Ponit**, 'erects.' Cf. ix. 634, *Inque peregrina ponit nova moenia terra.*

**opus**, i.e. the labyrinth, which Daedalus is said to have constructed for Minos at Cnossus in Crete. Pliny, 36. 13, says it was modelled after the famous labyrinth, described by Herodotus (2. 148), near lake Moeris, in Egypt, remains of which are still to be seen beside the pyramid of Hawara in the Fayum. With the description here compare that in Verg. Aen. 5. 588, *Ut quondam Creta fertur Labyrinthus in alta Parietibus textum caecis iter ancipitemque Mille viis habuisse dolum, qua signa sequendi Falleret indeprensus et irremeabilis error.* Ib. 6. 27, *Hic labor ille domus et inextricabilis error.*

**turbat notas, sc. viarum**, 'confuses the way-marks.' Cf. *signa sequendi Falleret* in the passage quoted from Verg. Aen. 5. 588, in last note.

**flexum in errorem**, 'into a winding maze.' In i. 582, Ovid uses *error* of the winding of a river, so the word is here naturally followed by the simile of the river Maeander.

3. **ambage**, 'intricacy.'

4. **Non secus ac**, 'just as,' a common phrase in the poets for introducing a comparison.

**liquidus**, 'limpid.'

**Phrygiis Maeandros in arvis.** The Maeander has its source in the south of Phrygia. The lower part of its course is through a wide and beautiful plain, and there its windings are so numerous as to have become proverbial, and to have given rise to the English verb *to meander*. Seneca uses the same simile in his Herc. Fur. 683 sq., *qualis incertus vagis Maeander undis ludit et cedit sibi Instatque dubius litus an fontem petat.*

5. *Ludit*, which is explained by the following words, expresses capricious, irregular movement, as we use the verb *play*, for instance, of the movements of a flame.

*ambiguo lapsu*, 'with shifting current,' undecided whether to flow backwards or forwards, as explained by Seneca in his translation, *dubius litus an fontem petat*, quoted on last line.

*refluitque fluitque*. For the inverted order of the words, due doubtless to the exigencies of the metre, cf. line 370, *refoventque foventque*; ii. 409, *redit itque*; xiv. 673, *semi-deique deique*.

6. *Occurrensque sibi*, etc. The river doubles back on itself, so that its lower bends sweeping back towards the upper ones may be said to see the water in the higher part of the stream long before it reaches their own part of the channel.

8. *Incertas exercet aquas*, 'wearies its changeful waters.' Cf. xiv. 556 sq., *exercent lusibus undas Naides aequoreae*; i. 582, *In mare deducunt fessas erroribus undas*; Verg. *Georg.* 3. 529, *exercita cursu Flumina*.

*ita*, 'so,' correlative to *non secus ac* in line 4.

*implet Innumeris errore vias*, 'makes the countless paths (of the labyrinth) a wandering maze.' Cf. Milton's *In wand'ring mazes lost*.

10. *fallacia*, 'intricacy.'

11. *Quo*, sc. *tecto*.

*postquam*, etc. The apodosis of this sentence begins at *protinus* in line 16; the protasis consists of three clauses, the first two introduced by *postquam*, namely, *postquam ... clausit*, *et (sc. postquam) ... domuit*, the third by *ut*.

*geminam tauri iuvenisque figuram*, 'the twin form of bull and man,' i.e. the Minotaur, the offspring of Pasiphae, wife of Minos, a monster half man half bull. According to one account it had a human body and a bull's head, according to another, a bull's body and a human head. For the use of *geminus*, to express the union of two forms in one, cf. ii. 630, *geminique tulit Chironis in antrum*, where *gemini* describes the 'double-formed' Chiron, who, as being a Centaur, was half man half horse.

12, 13. The order is: *et tertia sors, repetita annis novenis, domuit monstrum bis Actaeo sanguine pastum*, 'and the third drawing (of lots) recurring every nine years, subdued the monster that had twice fed on Athenian blood.'

*Actaeo*, 'Athenian,' as in ii. 720, *super Actaeas ... arces*,

'the Athenian citadel.' Ἀκτή and Ἀκταῖα (γῆ) were old names of Attica.

sors. The casting of the lots is described in Verg. Aen. 6. 22, *stat ductis sortibus urna.*

annis novenis is here equivalent to *nono quoque anno.* According to other accounts the tribute was annual.

domuit, 'slew.' Cf. i. 311 sq., *quibus unda pepercit, Illos longa domant inopi ieunia victu.*

14. The order is: *utque ianua difficilis, nullis priorum iterata, ope virginea inventa est filo relecto.*

Ut, 'when.'

ope virginea, i.e. by the help of Ariadne, daughter of Minos, who gave Theseus a clue of thread, by which he guided his way out of the labyrinth.

nullis is dative of the agent after *iterata.*

iterata, 'revisited.'

priorum, depending on *nullis*, 'by none of those who had come before.'

15. Ianua, 'the entrance' of the labyrinth.

difficilis, sc. *inventu*, 'difficult to find,' or 'regain.'

filo relecto, 'by winding the thread up again.'

16. Protinus. Here the apodosis begins. See note on line 11.

Aegides, the son of Aegeus, Theseus, as in Her. 4. 59, *Perfidus Aegides, ducentia fila secutus.*

Μίνοϊδη, 'the daughter of Minos,' Ariadne.

Diam, acc. of motion towards, set sail 'for Dia.' Naxos, the largest of the Cyclades, is often called Dia by the poets, e.g. iii. 690. Note that the first syllable of Dia is long.

17. comitem suam, i.e. Ariadne.

19. Amplexūs, pl. of the substantive.

Liber, the god Bacchus. Cf. iii. 520, *proles semeleia, Liber.*

20. de fronte, sc. Ariadne's.

coronam. According to others, Ariadne herself and not merely the chaplet from her brow was transferred to the heavens and became the constellation known as the Crown.

21. Tenues auras, 'thin air.' The epithet *tenuis* probably refers to the yielding, unsubstantial nature of the medium. It may have the same meaning as applied to water in vi. 351, *tenues undas*, though there Siebelis explains it 'transparent.'

22. *gemmae*. The brilliants of Ariadne's crown turn, as they pass through the air, into sparkling fires, i.e. stars, and take positions so as to form the constellation called the Northern Crown.

23 sq. *loco ... Qui*, etc., 'in the place that is between him who kneels on his knee and him who holds the snake,' i.e. between the constellations Hercules, called Engonasin, i.e. upon the knees, and Ophiuchus, i.e. the serpent-holder. For the gen. instead of *inter* with *medius*, cf. v. 407, *Est medium Cyaneae et Pisaeae Arethusae, Quod coit angustis inclusum cornibus aequor*; vi. 409, *Qui locus est iuguli medius summique lacerti*.

25-77. The escape of Daedalus from Crete and the death of Icarus. Daedalus was detained against his will in Crete by Minos, who had command of the sea, and who was offended with Daedalus for assisting Pasiphae in her intrigues. Being unable to obtain a ship to convey him, Daedalus invented flying machines for himself and his son Icarus. The wings which bore the machines were held together by wax, and he warned his son not to fly too near either to the water or to the sun as in either case the wax would be softened and the machine would collapse. The temptation, however, proved too much for Icarus and he soared to the neighbourhood of the sun. The wax was softened by the heat, and the wing feathers becoming detached Icarus sank into the sea and was drowned. His father recovered the body and buried it in an island hence named Icarus or Icaria, now called Nicaria. The surrounding sea was hence called the Icarium Mare.

It will be observed that there is not here strictly speaking any transformation. Icarus is not transformed into the island nor into the sea, but the land in which he is buried receives his name. Ovid treats of the same subject in Ars Am. 2. 21 sq. The name *πόντον Ἰκαρίον* occurs in Iliad, 2. 145. The myth has been explained to refer to the invention of sails, by means of which Daedalus escaped in a ship through the midst of the galleys of Minos that were propelled merely by oars. The story is also found in Apollodorus, 3. 15, Hyginus, 39 and 40, Diodorus, 4. 76-79.

26. *Exilium*. Daedalus left Athens for Crete on being condemned to death by the Areiopagus for murdering his nephew. It has been suggested that the legend may be an attempt to explain the presence of Daedalus, as a type of primitive art, in Crete as well as in Attica.

27. *Clausus erat pelago*, 'he was shut in, imprisoned (sc. in Crete) by the sea.'

licet, 'although.'

28. *Obstruat*, *sc.* Minos. Cf. *Ars Am.* 2. 21, *Hospitis effugio praestruxerat omnia Minos.*

29. *possideat*. Concessive subjunctive, 'though Minos is lord of all else, he is not lord of the air.' Cf. *Ars Am.* 2. 35, *Possidet en terras, et possidet aequora Minos.* Haupt quotes from Diodorus, *Μίνως θαλαττοκρατῶν κατ' ἐκείνους τοὺς χρόνους.*

30. *animum dimittit*, 'directs, applies his mind' to unfamiliar arts.

31. *Naturam novat*, 'he changes the laws of his nature,' namely, by framing for himself wings forbidden to man. Cf. *Hor. Od.* 1. 3. 35, *pennis non homini datis.* *Ars Am.* 2. 42, *Sint mihi naturae iura novanda meae.*

Nam, 'namely,' introducing an explanation as in vi. 157 and elsewhere.

*ponit in ordine*, etc. The description is confused. If the arrangement of the feathers began from the shortest it would be natural to say a 'longer following a shorter,' not 'a shorter following a longer.'

33. *Ut clivo crevisse putes*, 'so that you would suppose they grew on a slope,' i.e. each succeeding feather rose above the preceding, as in the case of trees of equal height planted on a hill-side. The second person singular is used here, as often, for the English indefinite 'one,' the French *on*, the German *man*.

*quondam*, 'at times,' 'sometimes,' as often in similes. Cf. ix. 170, *gelido ceu quondam lammina candens Tincta lacu.* So the Greeks use *ποτέ*, and *olim* also is used in the same sense.

34. *Fistula*, 'a reed-pipe,' 'Pan's pipes,' made of seven reeds gradually increasing in length (*crescit*) and calibre. The Greek is *σύριγξ*. Cf. ii. 682, *dispar septenis fistula kannis.*

*avenis*, 'stalks of grain,' 'straws.'

35. With *medias* and *imas* supply *pennas* from line 31, 'fastens the feathers at the middle with thread, and at the bottom with wax.'

*ceris*. The plural is probably used not merely for metrical convenience, but to express the 'pieces of wax,' 'the wax fastenings' with which the several feathers were secured, and which are called *pennarum vincula* in line 68. In line 40 the singular is used, though the plural would suit the metre quite

as well, because it is only the substance wax is meant, not special pieces of it.

36. *parvo curvamine flectit*, 'gives them a slight bend.'

37. *Ut veras imitetur aves*. *Comparatio compendiaria*, or shortened comparison. The full expression would be *veras avium alas*; that he may imitate 'real birds,' stands for 'real wings of birds.'

*una Stabat*, 'stood beside him.'

38. *ignarus*, etc., 'little thinking that he was handling (playing with) his own destruction.'

*pericla*, 'dangers,' is used by metonymy for 'things that cause danger.' The contraction *periculum* for *periculum* is very common in the poets; see line 173. For the premonition of calamity suggested by these words, cf. line 52, and *Ars Am. 2. 49* sq., *Tractabat ceramque puer pennasque renidens, Nescius haec umeris arma parata suis*.

39. *Ore residenti*, 'with smiling lips.' Cf. *Ars Am. 2. 49*, quoted in last note.

*modo ... modo*, 'now ... now.'

*vaga aura*, 'the wandering breeze.'

40. *Captabat*, 'caught at' the feathers.

41. *Mollibat* for *molliebat*. Cf. vi. 21, *Vellera mollibat nebulas aequantia tractu*.

42. *manus ultima*, 'the finishing touch.'

43 sq. *geminas*, sc. 'the craftsman poised himself upon his pair of wings.'

44. *mota*, 'agitated,' sc. by the flapping of the wings.

45. *Medio limite*, 'by the middle course.' The ablative expresses the road by which; see Roby, 2. 1176. *Limes* is peculiarly appropriate in reference to a path through the air; as it often expresses the track of light left behind by comets or fiery meteors. Malcolm Montgomey compares Milton's *My adventurous song, That with no middle flight intends to soar*. In line 392, *limes* is the 'channel' of a stream. *Que*, though joined to *medio*, belongs in sense to *ait*, which it connects with *instruit*, 'he equips his son too and says.'

46. *demissior*, sc. *medio limite*, 'lower' than mid course.

47. *gravet*, 'weigh down,' 'clog.'

*ignis*, sc. of the sun.

48. *Inter utrumque*, 'between the one and the other,' i.e. between the waves on the earth and the burning rays of the

sun. Cf. ii. 138 sq., *Neu te dexterior tortum declinet ad Anguem, Neve sinisterior pressam rota ducat ad Aram; Inter utrumque tene.*

**Nec te spectare.** Sailors used to steer by the stars, among which the constellations mentioned were some of the best known. So Daedalus bids his son not try to guide his way by the stars, as sailors were wont to do, but simply to follow where his father led.

**Booten** was also called Arcturus, though subsequently the latter name was not given to the whole constellation, but only to the chief star in it.

**49. Helicen**, also called the Great Bear.

**Orionis.** The penult is short here as in Fast. 5. 493. In Horace, Car. 1. 28. 21, it is long, as it is also in the Greek form of the word. The first syllable also varies. It is long here, but short, for example, in Verg. Aen. 1. 535.

**50. Me duce carpe viam**, 'pursue the way with me as guide.' *Carpere* means to 'pluck off,' 'break off,' and so in the phrase *carpere viam* the portions of the way traversed are regarded as broken off from the part that remains to be traversed. The expression does not convey the meaning of special speed. Cf. iii. 12, *Hac duce carpe vias*. Similar expressions are *carpere iter*, *carpere aera*, *carpere terram*, *carpere mare*. Cf. line 61, *aethera carpere*.

**51. ignotas alas**, 'wings (hitherto) unknown,' 'unfamiliar.' Cf. note on line 30.

**umeris accommodat**, 'fits to his shoulders.' Cf. Verg. Aen. 2. 393, *laterique Argivum accommodatensem*.

**52. Inter opus**, etc., 'while he worked and uttered words of warning the old man's cheeks were wet with tears.' The *opus* consisted in fitting on the wings (*umeris accommodat alas*). The epithets *seniles* in this line and *patriae* in the next heighten the pathos of the description; Daedalus was the aged father of him whom he was equipping with the dangerous wings. Cf. Verg. Aen. 6. 32 sq., *Bis conatus erat casus effingere in auro; Bis patriae cecidere manus.*

**54. Non repetenda.** For the gerundive signifying obligation or destiny see Roby, 2. 1403.

**pennis levatus**, 'soaring on his wings.'

**55. velut ales**, etc. For the simile cf. Goldsmith's Deserted Village, *And as a bird each fond endearment tries, To tempt its new fledg'd offspring to the skies.*

**57. damnosasque erudit artes**, 'and teaches him a fatal

accomplishment.' The accusative of the person (*Icarum*) is understood, *erudire* taking two accusatives, of person and of thing, after the analogy of *docere*, a usage found in writers of the Silver Age, such as Statius. Lewis and Short compare R. Am. 690, *ut flerent, oculos erudiere suos*, 'they have trained their eyes to weep'; but the meaning of that passage is quite different from that of the present, for here the sense is 'teach,' 'make known' the arts, not 'give a lesson to,' 'train,' 'polish,' 'perfect' the arts themselves. The remaining passage quoted by Lewis and Short from Ovid as parallel to the present is also quite irrelevant, for in Am. 1. 14. 30, *Erudit admotas ipse capillus acus*, the meaning is, 'the hair itself gives a lesson to the curling pins.' In short in the two passages cited by Lewis and Short the accusative is that of the person or thing to which the lesson is given; in this passage *artes* is the accusative of the lesson itself that is taught.

58. This line occurs word for word in Ars Am. 2. 73.

59. *tremula harundine*, 'with quivering rod.' *Harundo*, properly a *reed* or *cane*, is used for various objects made of reeds, as *fishing-rod*, *arrow*, *pan-pipes*, etc. For the sense 'fishing-rod, cf. Tib. 2. 6. 23, *Haec laqueo volucres, haec capiat harundine pisces*.

60. *Aut*, 'or,' is not correlative to the following *ve*. The distinction is made between the fisherman at sea on the one hand, and on the other hand (*aut*) the persons on land; the latter are sub-divided into the *pastor* and *arator*, and this subordinate division is marked by *ve*.

*baculo*. Cf. xiv. 655, *Innitens baculo*.

*stiva*, 'plough-handle,'  $\epsilon\chi\acute{\epsilon}\tau\lambda\eta$ .

*innixus* is to be taken with both *baculo* and *stiva*. *Innitore* here takes the ablative as in xiv. 726, *innixus moderamine navis*. It also takes the dative, e.g. xiv. 819, *innixusque hastae*.

61. *quique*. The conjunction 'and' here belongs not to the relative clause in which it is placed, but to *credidit* which it connects with the preceding *vidit et obstipuit*. For this use of *que*, which is common when a subordinate relative clause is placed before the member of the sentence which it in sense follows, cf. i. 386, *Detque sibi veniam pavido rogat ore*.

*aethera carpere*, 'traverse the air.' Cf. note on line 50.

62 sq. *Et iam*, etc. 'and now Samos, sacred to Juno, was on the left side (Delos and Paros had been already passed),

Lebinthus was on the right and Calymne rich in honey.<sup>63</sup> Daedalus is represented as pursuing a north-easterly course from Crete towards Miletus. He first passes through the Cyclades (represented by Delos and Paros) that lie to the north of Crete, and then turns east towards Miletus, on his way towards which he would pass (at some distance) Lebinthus and Calymne on his right and Samos on his left. In going from Crete he would pass Paros before Delos. The order in the text is probably due to the requirements of the metre, or it may be that the two islands are merely named to designate the Cyclades in general as a group passed *en route*. The more natural order is given in Ars Am. 2. 79 sq., *Iam Samos a laeva—fuerant Naxosque relictæ, Et Paros et Clario Delos amata deo—Dextra Lebinthos erant, silvisque umbrosa Calymne.*

**Iunonia Samos.** At the city of Samos in the island of the same name, was a famous temple of Juno in the Ionic style, which was seen by Herodotus, and is spoken of by him as the largest existing temple (Hdt. 3. 60), a statement supported by the result of recent excavations.

63. **Delos**, the smallest of the Cyclades, was famed for the worship of Apollo. It was made the common treasury of the Greek confederacy for carrying on the war against Persia. It long possessed an extensive commerce, which was further increased on the downfall of Corinth.

**Paros**, one of the largest of the Cyclades, was famed for its marble, which was much used by the ancient sculptors. It was chiefly obtained from Mount Marpessa. In this island was discovered the celebrated Parian Chronicle now preserved at Oxford. The chronicle is an inscription cut on a block of marble, and in its perfect state contained a chronological account of the principal events in Greek history from Cecrops, 1582 B.C. to 264 B.C.

64. **Lebinthus** and **Calymne** belonged to the group of islands called the Sporades.

65. **puer, Icarus.**

67. **Rapidi**, 'consuming,' 'burning,' an epithet often applied to fierce heat. Cf. Verg. Georg. 1. 92, *rapidive potentia solis.*

68. **odoratas**, 'fragrant,' 'scented.' The heat brought out the smell of the wax.

**ceras.** See note on line 35.

69. **nudos**, i.e. stripped of wings.

70. *Remigio*, sc. *alarum*, 'the oarage of his wings.' The full expression occurs in Verg. Aen. 6. 18, *tibi, Phoebe, sacravit Remigium alarum.*

*percipit*, 'gather,' 'catch' the air. *Concipere auras* is used in same sense in xii. 569 sq., *Decidit in terram, non concipientibus auras Infirmis pennis.*

71. *patrium nomen*, calling on 'his father's name,' i.e. crying 'Father, father !'

72. *quae*, sc. *aqua*, which sea derived a name from him. The Icarian Sea lay between Chios and Cos.

73. *nec iam*, 'and now no longer' a father, as having lost his son by death. Cf. ii. 231, *Et neque iam cineres.*

75. *dicebat*, 'kept crying,' 'repeated,' as distinguished from *dixit*, 'cried,' 'exclaimed,' in lines 73 and 74.

*aspexit*. The perfect after the imperfect *dicebat* expresses 'as he was crying "Icarus!" he spied the feathers in the waves.'

76. *Devovit*, 'cursed.'

77. *tellus*. The island Icarus or Icaria, one of the Sporades, formerly called Doliche.

78-101. The transformation of Perdix, the nephew of Daedalus, into a partridge. The sister of Daedalus gave her son to him to train. The lad proved an apt pupil, and invented, among other things, the saw and the compasses. His skill excited the jealousy of Daedalus, who in anger threw him down from the Acropolis at Athens. He fell on the south side of the Acropolis, just above the theatre of Dionysus, and the spot was marked by a tomb in the time of Pausanias. Minerva took compassion on the youth as he fell, and changed him into a partridge while he was still in mid-air. In the form of a bird, however, he retains the memory of his fall, and, avoiding high places, flies near the ground and makes his nest in the hedgerows. Perdix is here represented as seeing Daedalus bury his son, and as finding in the father's grief, satisfaction for the wrong done himself.

The story was treated by Sophocles in his *Kapukioi*. According to some writers the lad was named Talos, not Perdix, and the name Perdix was given to his mother. Siebelis says that the cry of a partridge is like the sound of a saw, and that thence came the story of Perdix or Talos inventing the saw. For the tale of Perdix, see also Apollodorus, 3. 15; Hyginus, 39; Diodorus Siculus, 4, 76.

78. *Hunc*, sc. *Daedalum*.

**corpora.** Plural for singular. Siebelis points out that the plural is often used for the singular, not only when the metre makes it absolutely necessary as in *silentia*, *incendia*, *otia*, *gaudia*, *taedia*, *praemia*, *hordea*, but also in words whose plurals forming dactyls or anapaests furnish forms more convenient for verse than the corresponding singulars, as *corpora*, *pectora*, *frigora*, *litora*, *vulnera*, *foedera*, *velamina*, *imitamina*, *animi*, *citharae*, *tunicae*, *aditus*, *reditus*. When these plural forms had become familiar, other words too of kindred sense were put in the plural, even when there was no metrical reason for doing so. Thus *terga*, *colla*, *ora*, as parts of the body, were used in the plural, on the analogy of *corpora*, *pectora*; *tela*, *enses*, *culti*, *amictus*, *sinus*, *tiarae*, *monilia*, as names of weapons and raiment on the analogy of *venabula*, *velamina*; *nives*, *frondes*, *harenæ*, *tura*, *vina*, *mella*, as suggestive of quantity on the analogy of *hordea*, *sulphura*; *regna*, *terrae*, *colles*, *iuga*, *valles*, *templa*, as names of places on the analogy of *litora*, *penetralia*; *fervores*, *aestus*, on the analogy of *frigora*; *coepa*, *ausa*, on the analogy of *conamina*; *exempla* on the analogy of *imitamina*; *dona* on the analogy of *munera*.

79. *Garrula*, 'chattering.'

80. *plausit pennis*, 'flapped its wings.' For the instrumental ablative, 'flapped with its wings,' cf. Verg. Aen. 5. 515 sq., *et alis Plaudentem nigra figit sub nube columbam*.

*testata*, etc., 'and showed its joy by its song.' Cf. ii. 486, *Assiduoque suos gemitu testata dolores*.

81. *unica tunc volucris*, 'the only bird of its kind then.' Cf. line 493.

82. *Factaque*, etc., 'and lately turned into a bird, an enduring reproach to thee, Daedalus.'

83. *Namque* is here used, as *γάρ* so often is in Greek, to introduce explanatory details. Cf. the use of *nam* in vi. 157, *Nam sata Tiresia venturi praescia Manto Per medias fuerat*.

*huic*, i.e. to Daedalus.

84. *Progeniem*, 'her son,' Perdix.

*germana*, sc. *Daedali*. Apollodorus calls Daedalus' sister Perdix and her son Talos, but from line 97 it appears that Ovid follows Hyginus who calls the son Perdix.

84 sq. *natalibus actis Bis puerum senis*, 'a lad past twelve years of age.' Distributive numerals are regularly used in expressions of multiplication; see Roby 1, p. 443. *Bis* is the usual word in this connexion; *iterum*, however, is found in xiii. 753, *octonis iterum natalibus actis*. *Natales* here means 'birthday.' It often means 'birth,' 'lineage.'

85. animi ad *praecepta capacis*, a genitive of quality or description, 'with a mind susceptible of teaching.'

86. *etiam*, i.e. he was not only an apt pupil, but 'also' was capable of original discovery.

87. *Traxit in exemplum*, 'took as a model.'

*ferroque incidit*, etc., 'and cut in sharp steel a row of teeth.'

88. *serrae repperit usum*. On the periphrasis see Conington's note on Verg. Georg. 2. 466, *usus olivi*.

89. *Primus et*, etc., 'He was the first also to fasten at one joint (hinge) the two iron arms (or as we should say, legs)' of the compass, *circinus*.

90 sq. *ut aequali*, etc., 'that they (the legs of the compass) being apart (from each other) by a constant (unvarying) distance, the one part (sc. of the compass, i.e. one leg) might remain fixed and the other describe a circle.'

92. *invidit*, 'was moved to envy.'

*sacraque ex arce Minervae*, i.e. from the Acropolis at Athens.

93. *lapsum mentitus*, sc. *illum esse*, 'falsely saying that he had fallen.'

94 sq. *avem Reddidit*, 'made him a bird.'

95 *medio in aëre*, 'in mid air,' i.e. while he was still falling.

96. *quondam velocis*, the energy of the spirit 'once so quick.' So we say 'quick-witted.' The quickness of mind he had while a man is represented by his quickness of flight when he is transformed into a bird.

*in alas Inque pedes abiit*, 'passed to his wings and feet.'

97. *nomen quod et ante*, sc. *fuerat*. His name had been Perdix, and now that he has become a bird (a partridge) it remains the same. According to other accounts his name was Talos, or Kalos, and his mother was Perdix.

98. *corpora*. See note on line 78.

99. *cacumine*, 'tree-top.' Cf. line 565 and i. 346, *nudata cacumina silvae Ostendunt*.

101. *Antiqui*, 'former,' cf. i. 116, *Iuppiter antiqui contraxit tempora veris*; ib. 423, *Nilus et antiquo sua flumina reddidit alveo*.

*sublimia*, subst., 'heights.'

102-379. The Calydonian boar hunt and transformation of the sisters of Meleager into guinea-fowl. Theseus, on account

of the fame of his exploits, is invited to take part in the hunt. Oeneus, king of Calydon in Aetolia, neglected to make due offerings to Diana. The goddess in anger sent a boar to ravage his land. Many heroes were mustered to free the land of the monster. Among them came the maiden Atalanta, who had the fortune to inflict the first wound on the boar. Meleager completes the slaughter of the animal, and presents the hide to Atalanta. Plexippus and Toxeus, uncles of Meleager, indignant that a woman should carry off the prize of the adventure, attempt to take the hide from her, and consequently are slain by Meleager. Now Althaea, Meleager's mother, had in her custody a certain log of wood, on the preservation of which her son's life depended. It had been burning on the hearth when the Fates appeared to Althaea soon after Meleager's birth, and they declared that as soon as it should be consumed by fire Meleager would die. Enraged at the death of her brothers she sets fire to the piece of wood, and on its being consumed Meleager dies in torment. His mother thereupon kills herself in remorse, and his sisters, passionately lamenting his death, are at length changed by Diana into guinea-fowl.

In the Iliad, 9. 529 sq. the story is told in a form differing considerably from Ovid's narrative. See also Hyginus 171-174, Apollodorus, 1. 8, 3. 9, and Diodorus Siculus, 4. 240.

102. **tellus Aetnaea, Sicily.** Ovid seems to forget that just above Daedalus was going from Crete towards Miletus in the very opposite direction from Sicily.

103. **Daedalon, this, the Greek form, instead of *Daedalum*,** is due to the requirements of the metre.

**sumptis armis** is equivalent to a causal sentence and gives the reason why Cocalus was considered *mitis*. 'Cocalus was held to be kindly for taking arms on behalf of the suppliant,' sc. against Minos who demanded the surrender of the fugitive.

**supplice, Daedalus.**

**Cocalus, king of Sicily.**

105. **Thēsēā**, feminine of the adj. *Theseus* (trisyllable) 'of or belonging to Theseus,' agreeing with *laude*. *Thēsēā* would be the accusative of the proper name *Theseus* (dissyllable).

**laude**, 'brave deed,' 'exploit.' Cf. xii. 534, *Herculeae ... oblivia laudis.*

106. **Templa, sc. at Athens.**

107. **vocant, sc. ad sacra.**

**aliis = ceteris.**

sanguine, i.e. the blood of victims.

109. *Argolicas*, used for *Graecas* as in xii. 622, *Argolicosque duces*, xiii. 659, *Argolicam ... classem*.

110. *Thēsēos*, Greek genitive (instead of the Latin form *Thesei*) of the proper name Theseus (dissyllable). *Thēsēos* is plural accusative masculine of adjective *Thesēus* (trisyllable).

cepit, 'contained within it,' cf. line 392.

111. *Huius*, i.e. Theseus.

112. *Calydon*, a city of Aetolia on the river Evenus.

114. *vindex*, 'avenger,' 'champion.'

115. *Oenēā*, accusative of Oeneus (dissyllable), king of Calydon and husband of Althaea.

*pleni successibus anni*, 'ablative of cause, 'owing to the happy issue of a fruitful year.' Cf. the old English expression 'the year's increase.'

116. *sua*, refers of course to Bacchus, 'his wine,' i.e. the wine that was his due.

*Lyaeo*, a name given to Bacchus as freeing men from care ( $\lambda\acute{u}w$ ).

117. *Palladios latices*, i.e. oil. Pallas Athena, whom the Romans identified with Minerva, was said to have made the olive spring from the ground, and to her the olive was therefore sacred.

118. *Coeptus*, sc. 'the much-sought offering beginning with the country gods extended to all the deities.'

*agricolis*, sc. *deis* or *superis*, the gods of the husbandman, such as Ceres, Bacchus, and, on account of the olive, Minerva. Cf. Tib. 2. 1. 36, *Redditur agricolis gratia coelitibus*.

For *honor* 'sacrifice,' cf. line 549.

120. *cessasse*, 'stood idle,' because there were no offerings thereon.

*Latōis*, *Latoīdis* or *Latoīdos*, the daughter of Latona, i.e. Diana.

121. *et* goes with *deos*, anger touches 'even the gods,' as in the next line *et* goes with *inultae* and not with *dicemur* the word that immediately follows.

*At*, introducing a threat, as in xii. 367 sq. *Vidit*, " *At inferias, iuvenum gratissime Crantor, Accipe!* " *ait, validoque in Demoleonta lacerto Fraxineam misit*.

*Non inpune feremus*, 'will not suffer this to go unpunished,' 'will not suffer without retaliating.' The sense is remarkable.

*Inpune ferre* usually means 'to come off with impunity.' See line 328.

122. *quaeque*, i.e. *et quae*, as in i. 133, *quaeque diu steterant in montibus altis, Fluctibus ignotis insultavere carinae.*

*dicemur* goes with *inhonoratae* as well as with *inultae*.

123. *Inquit* seldom stands as here *after* the sentence quoted. It is usually placed parenthetically near the beginning of the sentence. Another example of the post-positive position occurs in x. 142.

*Oenēōs*, from adj. *Oenēūs* (trisyllable); *Oenēōs* would be gen. of the proper name *Oeneus* (dissyllable). Cf. *Theseus* in line 110.

124. *quanto*, i.e. *tantum quanto* (ablative after the comparative *maiores*), 'of a size than which Epirus has no larger bulls,' or as we would rather express it, 'a boar so large that Epiros has no bulls of greater size, while those of the Sicilian pastures are smaller.'

125. *habet*, 'has to show.' Cf. ix. 187, *Vestrum opus Elis habet vestrum Stymphalides undae.*

*Epirōs* was famed for its bulls. See Pliny, H. N. 8. 45, *in nostro orbe Epiroticis (sc. bubus) laus maxima.*

126. *Sanguine et igne micant*, 'his eyes are blood-shot and glaring.' Cf. Iliad, 13. 473, where a boar is described, *φρίσσει δέ τε νῶτον ὑπερθεν· δφθαλμῷ δ' ἄρα οἱ πυρὶ λάμπετον.*

*riget ardua cervix*, 'his neck is high and bristling,' referring to the way in which the bristle-covered neck and back of the wild boar rise behind his head.

127. *Fervida*, etc., i.e. the boar grunts hoarsely, and froathing foam streams down his forequarters.

128. *aequantur*, 'are as large as.'

*dentibus Indis*, 'elephants' tusks.'

129. *frondes afflatibus ardent*. So in vii. 105 sq. it is said of the fire-breathing oxen of Aeetes, *tactaeque vaporibus herbae Ardent*. Shakespeare speaks of the lover *sighing like a furnace*.

130 sq. *modo ... Nunc*, instead of the more usual *modo ... modo*, 'now' ... 'now,' 'sometimes' ... 'sometimes,' 'at one time' ... 'at another.' Cf. vi. 3. 371, *Et modo tota cava submergere membra palude, Nunc proferre caput*. We also find *aliquando, interdum, nonnunquam, saepe, rursus*, instead of the second *modo*.

crescentes, etc., 'tramples down the sprouting crops in the blade.'

in herba. Cf. v. 482, *primis segetes moriuntur in herbis*.

131. matura, etc., 'mows down the ripe hopes of the hapless husbandman.' *Votum* is here the thing prayed for, as in i. 272 sq., *Sternuntur segetes et deplorata colonis Vota iacent*.

fleturi. Similarly in Greek *οίμωξδμενος* is used of persons 'destined to trouble.'

132. Cererem, by metonymy for 'grain.' The boar intercepts the grain while still in the ear, so that it never reaches the cultivator. For *intercipit* cf. line 272.

134. gravi di fetus, i.e. the thick clustering grapes, as appears from the word *palmite*, 'vine branch.' Cf. Iliad, 9. 541, *πολλὰ δ' ὅ γε προθέλιμνα χαμαλ βάλε δένδρεα μακρὰ, αὐτῆσιν ἀλίσσοι καὶ αὐτοῖς ἀνθεσι μῆλων*.

136. Saevit et in pecudes, 'on the flocks too he vents his rage.'

ve ... ve. In prose *vel* ... *vel* would be used. Cf. Roby, 2. 2220.

137. armenta, 'herds of cattle,' contrasted with *pecudes*.

138. populi, 'the inhabitants.'

139. unā, adv., 'together with him.'

140. Lecta manus. Most of the heroes who took part in the Calydonian boar hunt had previously taken part in the Argonautic expedition. The names are given, though with some differences, by Hyginus, 173, and by Apollodorus.

141. Tyndaridae, Castor and Pollux, the latter an approved boxer, the former a horseman. Cf. Iliad, 3. 237, *Κάστροπά θ' ιππόδαμον καὶ πνέξ ἀγαθὸν Πολυδεύκεα*.

142. primae ratis molitor. Cf. vi. 720, *Vellera cum Minyis nitido radiantia villo Per mare non notum prima petiere carina*.

143. felix concordia, in apposition to *cum Pirithoo Theseus*, 'Theseus and Pirithous, a happy union of hearts,' 'a happy pair of friends.' The friendship of Theseus and Pirithous was celebrated. For the abstract noun referring to persons, cf. line 520, *templi tutela fuere*, said of Baucis and Philemon. Cf. also line 493.

144. Thestiadae, the sons of Thestius, king of Aetolia. Their names are variously given, but for the most as below in lines 279, 280, Flexippus and Toxeus.

proles Aphareia. Lynceus and Idas, the sons of Aphareus,

king in Messenia, were celebrated for their fight with the Dioscuri, which is described in Pindar, Nem. 10. 111.

145. **iam non**, 'now no longer' a woman. Caeneus, one of the Laphithae, was originally a maiden, Caenis, but Poseidon changed her into a man, and made him invulnerable. He then took part in the Argonautic expedition and the Calydonian hunt. The tale is told in xii. 189 sq., and Hyginus, Fab. 14.

146. **Leucippus**, brother of Aphareus.

**Acastus**, son of Pelias, king of Iolcus in Thessaly, one of the Argonauts.

147. **Hippothous**, son of Cercyon. Cf. vii. 439.

**Dryas**, son of Ares or Iapetus, brother of the Thracian king Tereus.

**Phoenix**, son of Amyntor, was famed as one of the instructors of Achilles.

148. **Actoridae**, Eurytus and Cteatus.

**pares** =  $\delta\acute{\iota}\delta\upsilon\mu\acute{\iota}\iota$ , *gemini*.

**Phyleus**, son of Augeas, king of the Epeans in Elis, who was brother of Actor.

149. **Telamon**, son of Aeacus of Aegina.

**magni creator Achillis**, Peleus, brother of Telamon.

150. **Pheretiades**, Admetus, son of Pheres, king of Pherae in Thessaly.

**Hyanteus** is used for Boeotian by the poets, from the **Hyantes**, an old Boeotian tribe. The same form as here, **Hyanteus**, occurs in v. 312, the form **Hyantius** in iii. 147.

**Iolaus**, the sons of Iphicles, was the companion of Hercules, whom he helped to slay the Lernean Hydra.

The line is scanned Cūmque Pherētiādē ēt Hyāntēō Iolāō. For the hiatus cf. ii. 244, *Et celer Ismenos cum Phegiasō Erymantho*; v. 312, *Fonte Medusaeō ēt Hyanteā Āgānippe*.

151. **Eurytion**, from Phthia. Apollodorus, 1. 7.

**Echion**, son of Mercury, one of the Argonauts.

152. **Naryciusque Lelex**, Lelex, from Naryx, a city of the Opuntian Locrians.

**Panopeus**, a trisyllable, Πανοπεύς. He was son of Phocus and Asteropaea, and accompanied Amphitryon against the Taphians.

**Hyleus**, a dissyllable, Τλεύς. He seems to be known only in connexion with the Calydonian hunt. See Apollodorus, 1. 8. 2.

153. **Hippasus**, son of Eurytus. See Hyginus, 173.

**primis etiamnum Nestor in annis**, 'Nestor still in his early years,' alluding to the wish he so often (e.g. Od. 14. 468) expresses, *εἰθ’ ὡς ἡβώιμι, βῆτ τέ μοι ἔμπεδος εἴη, ὡς δποτε, κ.τ.λ.*

154. Hippocoon of Amyclae in Laconia sent his three sons, Enaesimus, Alcon, and Dexippus to the hunt.

155. **Penelopes socrer**, Laertes.

**Ancaeus** was son of Lycurgus, from the district of Arcadia called Parrhasia. Siebelis remarks that when the fourth foot and the arsis of the fifth are contained in one word it is the regular usage in the Metamorphosis to complete the line in one more word. In this case hiatus often occurs, and still oftener a spondaic ending, i.e. a spondee in the fifth place.

156. **Ampycides**. Mopsus, the son of Ampyx or Ampycus, was one of the Lapithae, and took part in the Argonautic expedition. He was famed as a prophet, and was worshipped as an oracular hero.

157. **Oeclides**. Amphiaraus, son of Oecles, was induced by his wife, Eriphylē to take part in the expedition against Thebes, in which he perished.

**Tēgēāēā**. Atalanta, daughter of Iasus of Tegea in Arcadia to the east of Mount Lycaeus.

**Lycaeū**. *Lycaeū* is here used as an adjective, 'of or belonging to Mount Lycaeū.' In i. 217, *Lycaeū* is the mountain itself. For such double use of a proper name, cf. Sychaeus, Augustus, and my note on Calpurnius Siculus, 1. 94.

158. **Rasilis**, etc., 'a polished brooch clasped the upper border of her robe,' i.e. on her shoulder.

161. **Telorum custos**, i.e. her quiver, *pharetra*, and therefore the adjective *eburnea* is feminine, as if *pharetra* had been expressed. For *custos* used of a receptacle, cf. xiii. 703, *custodem turis acerram*.

162. **cultu**, 'attire,' 'style of dress.' Cf. line 660. ix. 712, *Cultus erat pueri, facies, quam sive puellae, Sive dares puero, fuerat formosus uterque.*

**facies**, etc., 'her face was such as in a boy one might call girlish, in a girl boyish.' For the use of the relative, cf. i. 77, *et quod dominari in cetera posset.*

164. **pariter ... pariter**, 'as soon as'; he no sooner saw than he fell in love with her. Cf. xi. 305, *Videre hanc pariter, pariter traxere calorem*. Iliad, 14. 294, *ὡς δ’ ἤδεν, ὡς μν ἔρως πυκινὰς φρένας ἀμφεκάλυψεν*.

Calydonius heros, Meleager, as appears from line 112. For the mode of expression, cf. vii. 410, *Tirynthius heros*.

165. *renuente deo*, 'against the will of the god,' sc. Amor. Meleager was already married, as appears from line 354. His wife's name was Cleopatra.

166. *Hausit*, 'drank in.' Cf. x. 252 sq., *haurit Pectore Pygmalion simulati corporis ignes*.

*O felix*, etc., 'how happy whoever she will deem worthy to be her husband.' For *dignabitur*, cf. iv. 326, *Si qua tibi sponsa est, si quam dignabere taeda*.

167. *Nec*, 'however not.' Cf. ii. 377, *Fit nova Cycnus avis, nec se caeloque Iovique Credit*.

168. *maius opus*, 'the greater task' of the great contest. Cf. xii. 180, *cuius certamine pugnae*.

169. *frequens trabibus*, 'rich in timber.' Cf. iv. 620, *Unde frequens illa est infestaque terra colubris*.

*quam nulla*, etc. These words describe a virgin forest which age after age had left unfelled. Cf. ii. 418, *subit illa nemus quod nulla ceciderat aetas*. The absence of the woodcutter here signifies not the sanctity of the place, but the density of the timber and the remoteness and dreariness of the spot, buried in the woods. Cf. Hor. Sat. 1. 7. 27, *Flumen ut hibernum fertur quo rara securis*.

170. *Incipit*, etc., 'springs from the plain and commands a view of the fields that slope away.' For *prospicit* with an inanimate subject, cf. xi. 150, *Nam freta prospiciens late riget arduus alto Tmolus in ascensu*.

172. *Vincula adimunt canibus*, 'let the dogs out of the leash,' 'uncouple the hounds.' Cf. vii. 769, *Copula detrahitur canibus*.

*pressa*, i.e. *impressa ab apro*, the footprints deep planted by the boar.

*sequuntur*, 'track.' Cf. iv. 515, *utque ferae sequitur vestigia coniugis amens*.

173. *suum periculum*. Cf. line 38.

174. *Concava vallis*, 'a valley buried in mountains.'

175. *ima lacunae*, 'the bottom of the marsh.' Cf. v. 421, *gurgitis imam*. The meaning is that willows, etc., fringed the marsh at the bottom of the valley.

176. *Lenta*, 'pliant,' 'drooping.'

177. *longa parvae*, etc., 'the short canes at the foot of the tall reeds,' referring to the crop of young shoots springing up

round the roots of the full grown reeds. The *harundo* which is common on the Mediterranean was similar in appearance to the bamboo, and like it was used for many purposes. See note on line 59.

178. *Hinc excitus*, 'roused from this lair.'

179. *Fertur*, 'rushes.' Cf. ii. 69, *Ne ferar in praeceps.* So the Greeks use *φέρεσθαι*.

ut *excussis*, etc., 'like lightning forced from the riven clouds.' Cf. vi. 696, *Exsiliantque cavis elisi nubibus ignes.*

180. *incursu*, 'the charge' of the boar.

*propulsa*, etc., 'the wood is beaten down with a crash,' lit. the wood beaten down crashes. Cf. iii. 80, *obstantes proturbat pectore silvas.*

182. *lato vibrantia ferro*, 'glittering with broad head.'

183. ut *quisque*, etc., i.e. as they successively face the boar's onset. Cf. Liv. 21, 42, *ut cuiusque sors exciderat, alacer arma raptim capiebat.*

184. *obliquo ictu*, 'with sidelong thrust,' as is the manner of boars to gore.

*latrantes*, 'barkers,' i.e. 'dogs.' Cf. line 251, and the similar use of *saetiger*, line 215. So *tonans* = the thunderer, i.e. Jupiter, in i. 170.

185. *Cuspis*, etc., 'the lance hurled by the arm of Echion.' Cf. line 151.

186. *truncо acerno*, 'stem of a maple tree.'

187. *Proxima*, sc. *cuspis*.

187 sq. *si Non* for *nisi*, as in iii. 627, *si non haesisset.*

188. *visa est haesura* is equivalent to *haesura fuisse*, *ut visum est.*

189. *Longius it*, 'went too far,' 'overshot the mark.'

*it*, is perf. for *iit*.

*auctor teli*, 'the aimer of the shaft.' Cf. line 257.

*Pāgāsēūs.* Jason got this epithet from Pagasae (near the modern Volo) in Thessaly where he built the ship Argo.

190 sq. Cf. Iliad, 1. 40, *εἰ ποτέ τοι χαρίεντ' ἐπὶ νηὸν ἔρεψα, η̄ εἰ δὴ ποτέ τοι κατὰ πίονα μηρὶ' ἔκη ... τόδε μοι κρήτηνον ἔέλδωρ.*

*si.* For this conditional form of prayer (which Ovid, Trist. 1. 2. 109, calls *sub conditione vocare*), cf. i. 377, *si precibus, dixerunt, numina iustis Victa remollescunt, si flectitur ira deorum Dic.* Mopsus appeals to Phoebus because he was the priest and prophet of Phoebus.

191. **Da** with infinitive on the analogy of the Greek δός with the infinitive, 'grant me to strike the mark with unerring shaft.' Cf. i. 307, *Quaesitusque diu terris, ubi sistere detur.*

192. **Qua** potuit, 'so far as he could.' Cf. ii. 105, *Ergo qua licuit genitor cunctatus.* The gods could not directly hinder one another's acts. So here Diana, who had sent the boar and did not wish it to be killed (see lines 123 sq.), does not alter the direction of the dart, but makes it ineffectual by removing the barb. See xiv. 784 sq., *Et clausura fuit, nisi quod rescindere nunquam Dis licet acta deum.*

193. Diana here only in Ovid has the first syllable long, a quantity, however, often found in Vergil, Horace, and Propertius.

194. For the literal sense of **acumen**, 'sharp point,' cf. iii. 84, *Vulnera dat ferro figitque in acumine dentes.*

196. **Emicat**, sc. *flamma*, 'flames flash from his eyes.' **spirat** is neuter, 'bursts forth from.'

197. **utque volat**, etc., 'and as a mass of rock flies, sped by the tight-strained cord.' The allusion is to the *ballistae*, which, along with *catapultae*, formed the artillery of ancient times.

199. **impete.** The masc. substantive *impes*, *impētis*, equivalent to *impetus*, occurs only in gen. and abl. Cf. iii. 79, *Impete nunc vasto ceu concitus imbribus amnis Fertur.*

**vulnificus**, 'wound-dealing.' Siebelis remarks that the monosyllabic ending of the line after a word of five syllables, by the meeting of the verse accent and the word accent, gives the line a ponderous sound well according with the sense. Cf. xv. 30 sq., 'Candidus Oceano nitidum caput abdiderat sol Et caput extulerat densissima sidereum nox.'

200. Eupalamus and Pelagon are not mentioned in the list of names given above, and nothing is known about them.

**dextra tuentes Cornua**, 'holding the right wing,' 'on the right wing,' a military simile.

201. **iacentes** is, of course, the accusative governed by *rapuere*.

202. **Enaesimus**, a son of Hippocoon. See note on line 154.

204. **succiso**, sc. by the boar.

**liquerunt nervi**, 'the sinews failed him,' not, as Lewis and Short (sub voce *linquo*) seem to take it, 'he fainted.'

205. **Pylius**, 'he of Pylus,' i.e. Nestor.

citrā, 'before,' literally, on this side of (i.e. counting from the Calydonian hunt), and so before, the fall of Troy. Cf. x. 84, *citra juventam*, on this side of, before coming to, early manhood. Nestor ruled over three generations of men, and survived the Trojan war, in which he took part.

206. *Tempora* is often used of times of trouble, so the expression here is equivalent to 'the siege and destruction of Troy.'

*sumpto*, etc., 'taking a spring from his spear planted on the ground.' He planted his spear on the ground, and used it to aid him in springing on the branches of the tree. Cf. ii. 785 sq., *haud plura locuta Fugit et impressa tellurem repulit hasta*.

208. *Despexit*, not, of course, 'despised,' but in the literal sense 'looked down on.' Cf. ii. 178, *summo despexit ab aethere terras*.

*loco tutus*, 'safe in his position,' or, as we would say, from a safe position he looked down on the enemy he had escaped.

*fugerat* = *effugerat*.

210. *Eurytidae*. According to Hyginus, this son of Eurytus was named Hippasus.

*hausit*, 'tore open.' *Haurire* is often used of inflicting a severe wound with a sword or other weapon. The idea seems to have been that of drawing up, drawing out, scooping. Cf. line 278, *hausitque nefando pectora ferro*; v. 126, *latus hausit Abas*. See also my note on xiii. 425.

211. *gemini fratres*, the Tyndaridae, the sons of Tyn-dareus, Castor and Pollux. They were ultimately changed by Jupiter into stars forming the constellation Gemini or the Twins. Cf. Hor. Od. 1. 3. 2, *fratres Helenae, lucida sidera*. They were usually represented in the poets as riding on white horses. Pindar, P. 1. 127, calls them *λευκόπωλοι*.

215 sq. The order of the words is—*nisi saetiger isset inter opacas silvas, loca nec iaculis nec equo pervia*. For the intricate arrangement cf. iii. 603, *Ipse, quid aura mihi tumulo promittat ab alto, Prospicio*, i.e. *ipse ab alto tumulo prospicio, quid aura mihi promittat*.

*saetiger* (sc. *ferus*), 'the bristle-bearer,' i.e. the boar. The word also occurs in Martial 13. 93. 1. The language is compressed. Siebelis remarks that the full expression would be *nisi saetiger abisset; ierat enim inter*, etc.

218. *ab arborea radice retentus*. This use of *ab* with the

ablative of the instrument, where the simple ablative is the regular expression, is poetical, and is found chiefly in Ovid. See Roby 2. 1213.

219. Peleus. Cf. line 149.

Tegeaea. See line 157.

220. *inposuit*, etc., 'fitted an arrow on the string, and bending her bow discharged it,' literally, discharged it from her bent bow.

221. *summum Corpus*, 'the surface of the body' of the boar. Cf. ii. 235 sq., *Sanguine tum credunt in corpora summa vocato Aethiopum populos nigrum traxisse colorem*, where the black colour of the Ethiopians is explained as being due to the blood having been drawn to the surface of their bodies by the heat of the sun, when Phaethon's unskilful driving suffered the horses of the sun to approach too near the earth.

*destringit*, 'grazes.' Cf. x. 526, *destrinxit harundine pectus*.

*harundo*, 'arrow.' Cf. v. 384, *Inque cor hamata percussit harundine Ditem*.

223. *Nec tamen*, etc., 'nor, however, was she (Atalanta = Tegeaea) more rejoiced at the success of her blow (her shot, we would say) than was Meleager.'

226. *feres*, 'carry off,' 'win.'

*honorem*, 'the reward.' Cf. xi. 216, *Nec ... Telamon sine honore recessit, Hesioneque data potitur*.

227. *addunt animos* supply *sibi* from *se* before *exhortantur*, 'they cheer one another on, and rouse their courage with shouts,' lit. 'with the accompaniment of shouts,' 'in the midst of shouting.' The instrumental ablative is used in a similar passage in vii. 120, *Minyaē clamoribus augent Adi- ciuntque animos*.

228. *sine ordine*, they shoot 'wildly,' 'at random.'

229. *Turba*, sc. *iacentium*.

*iactis*, sc. *telis*. 'The crowd of shooters interferes with the arrows shot, and hinders the wounds they seek to inflict.'

230. *contra sua fata*. Cf. the Greek *παρ' αἰσχαν*, *ὑπὲρ αἰσχαν* or *μοῖραν*. The meaning is, his fury hastened his death.

*Arcas*, i.e. Ancaeus, see line 155.

*bipennifer*, 'bearing a two-edged axe.' Cf. iv. 22, *bipen- niferumque Lycurgum*.

231. *femineis*, sc. *telis*.

**quid** = *quantum*.

232. *concedite*, used like the simple *cedite*, as in Fast. 1. 222, *Victaque concedit prisca moneta novae*.

234. For a like challenge with a like disastrous result, cf. line 564 sq.

**Dīānā.** See line 193.

235. *magniloquo ore*, 'a mouth speaking great things.' *tumidus*, 'puffed up' with pride. Cf. line 329.

237. *Institerat digitis*, etc., 'stood on his toes, balancing himself on tip-toe.' Loers explains—*institerat digitis pedum et quidem in primos (extremos eorum) artus suspensus*.

238. *Occupat*, the subject is *ferus* in the next line, the boar 'is beforehand with' his bold assailant.

*queaque*, etc. Cf. v. 132 sq., *Huius in obliquo missum stetit inguine ferrum, Letifer ille locus*. The groin or abdomen being unprotected by bones, is the nearest, the readiest, passage for death.

239. *ad Summa inguina* marks the direction of the gore, the tusks rip "up" the groin.

*geminos dentes*. A boar has on each side of his mouth a pair of tusks, one in the upper, the other in the lower jaw. One of these pairs is meant here. A boar would not gore with both pairs together. He strikes sideways, hence the epithet *obliquus* is often applied to his thrust, and upwards, hence *ad summa inguina*, to the top of the groin.

242. *in adversum hostem*, 'right against the foe,' literally, against the foe fronting him.

*proles Ixionis*, Pirithous, son of Ixion.

244. *Procul* goes with *consiste* in the next line, 'stand at a distance.' Loers, Haupt, and Zingerle, however, join it with *inquit*.

*Aegides*, the son of Aegeus, i.e. Theseus. The friendship between Theseus and Pirithous was proverbial, hence the following words: *O pars animae meae, carior mihi me* (abl.).

245. *Pars animae*, cf. Pont. 1. 8. 2, *pars animae magna, Severe, meae*.

*licet, sc. nobis*. Cf. the construction of *profuit*, line 387.

247. The neuter *cornum*, properly 'a cornel-berry,' is here used for 'a shaft made of cornel wood,' 'a cornel-wood javelin,' in which sense, as well as that of 'a cornel cherry-tree,' the feminine *cornus* is generally found.

248. *votique potente futuro*, i.e. as it (the javelin) was about to hit the mark.

249. *Obstitit*, sc. *ei*, i.e. the javelin.

250. *Aesonides*, i.e. Jason, who has already been mentioned, line 189.

*quod* is the object of *vertit* in the next line, and the subject of *fixum est*. Cf. v. 224 sq., *quod, ait, timidissime Phineu, et possum tribuisse et magnum est munus inertis*, where *quod* is the object of *tribuisse*, the subject of *est*.

*ab illo*, i.e. from the boar.

251. *in fatum*, 'to the death of.' Cf. vii. 346 sq., *Quid facitis gnatae? quid vos in fata parentis Armat?*

*latrantis*. See line 184.

253. *Oenides*, the son of Oeneus, i.e. Meleager.

*variat*. The required sense seems to be 'wavers,' 'is unsteady' (thus explaining why the first shot missed), or as Gierig suggests, 'brandishes' the spears, but all the commentators explain 'has varied success.'

*missisque duabus*, sc. *hastis*, which is readily supplied as *hasta* occurs in the next line.

254. *stetit = fixa est*.

255. *Nec mora*, 'forthwith,' as often.

*saevit*, the subject *aper* is easily understood from the context.

*corpora versat in orbem*, 'keeps turning round,' namely, to face the dogs and hunters that surround him, as appears from the passage in iv. 722 sq., *modo more ferocis Versat* (sc. se which occurs in the preceding line) *apri, quem turba canum circumsona terret*.

256. *novo*, 'fresh,' referring to his having been already wounded, see line 222.

257. *Vulneris auctor*. Cf. line 269, *muneris auctor*.

258. *adversos*. See note on line 242.

259. *clamore secundo*, 'with favouring shouts,' i.e. 'with shouts of applause.'

261. *Inmanem* implies both 'immense' and 'uncanny.'

*multa tellure iacentem*, 'lying over a wide piece of ground,' 'covering much ground as he lay.'

262. *adhuc*, 'as yet.' Cf. i. 10, *Nullus adhuc mundo praebat lumina Titan*.

263. **sed tamen**, etc., i.e., either as an insult, or, rather, as the context suggests, to make sure that the animal is dead. So in Iliad, 22. 371 it is said of the Greeks standing round the dead body of Hector, *οὐδὲ ἄρα οὐ τις ἀνούτητι γε παρέστη*.

264. **Ipse**, Meleager, the man who had himself inflicted the wound.

**pressit**, 'trod upon.' Cf. ii. 148, *Dumque male optatos nondum premis inscius axes*.

265. **mei spolium iuris**, 'the spoil that is my due,' i.e. the hide of the boar which belonged of right to the successful hunter. For the gen. **mei iuris** cf. x. 37, *haec quoque ... iuris erit vestri*; ib. 725, *sed non tamen omnia vestri iuris erunt*.

**Nonacria**, Atalanta, so called from Nonacris, a town and mountain in Arcadia.

266. **in partem**, etc., 'let my glory be shared with thee.' Cf. vii. 563 sq., *Quo propior quisque est servitque fidelius aegro, In partem leti citius venit*.

268. **Terga**, 'the hide.' This hide, according to Pausanias, was shown at Tegea in the middle of the second century after Christ. The teeth, according to the same authority, were brought to Rome by Augustus.

269. **Illi**, Atalanta.

**laetitiae** is of course the dative, 'to her both the present and its giver are (for) a joy.'

**muneris auctor**. Cf. line 257.

271. **ingenti tendentes bracchia voce**, i.e. with loud cries and threatening gestures.

272. **nec** is used in the Metamorphoses much oftener than **neve** in passing from a command to a prohibition.

**titulos nostros**, 'our glory.' The Thestiadae, i.e. Plexippus and Toxeus, brothers of Althaea, regard the glory won by their nephew as the heritage of the whole family and therefore say 'our' glory. Siebelis thinks *noster* here means the glory 'of us men,' which they are indignant should pass to a woman. The former explanation, however, is supported by Apollodorus 1. 8. 20, *κατὰ γένος αὐτοῖς προσήκειν λέγοντες, εἰ Μελέαγρος λαμβάνειν μὴ προαιροῖτο*.

For the sense of **titulos** cf. iv. 645, *hunc praedae titulum Jove natus habebit*, where the allusion is to the fame Hercules won by carrying off the golden apples from the garden of the Hesperides.

**intercipe**. Cf. line 132.

274. *ne sit longe*, etc., 'lest he who, blinded by love, presented the gift, desert thee,' literally, be far removed from thee. Cf. iv. 650, *ne ... longe tibi Iuppiter absit*. Heinsius reads *Decipiat, longeque tuo sit captus amore*, etc., which means 'let thy lover keep apart,' i.e. let him not attempt to interfere with us.

275. *Auctor, sc. muneris*. See line 269.

With *muneris* supply *dandi*, 'from her (Atalanta) they take away the gift, from him (Meleager) the right of giving it.'

276. *Non tulit*, 'did not brook,' 'did not put up with this.' Cf. line 331 and Hor. C. 3, 14, 27, *Non ego hoc ferrem, calidus iuventa, Consule Plano*.

*Mavortius*, Meleager was said by some to be the son of Mars, though the common account, followed in line 320, makes him the son of Oeneus. Cf. Apollodorus, 1. 8. 2, ἐγέννησε δὲ Ἀλθαία παῖδα ἐξ Οίνεως Μελέαγρον δν ἐξ Ἀρεος γεγενῆσθαλ φασιν.

278. *Facta minis quantum distent*, 'how different are deeds and threats.'

*hausit*. Cf. line 210.

280. *Toxēa*, accusative of *Toxeus*.

*pariterque ... que*, as *pariter ... pariter* in line 164.

282. *calidumque prioris Caede*, etc. 'the sword warm with the slaughter of the previous victim he warmed again in his (i.e. the previous victim's) brother's blood.'

283. *consorti*, adj. of or belonging to a brother or sister as in xiii. 663, *consortia corpora*. Ovid often uses *consors* as a subst., brother or sister.

284. *Dona ferebat*, 'was bringing offerings.' The subject is *Althaea*. Cf. vii. 159 sq., *Haemoniae matres pro gnatis dona receptis Grandaeisque ferunt patres*.

*nato victore*, 'for her son's victory,' literally, 'her son being victor.'

287. *atras*, sc. *vestes*.

288. *simul = simul atque*. Cf. Fast. 1. 567, *Quod simul evulsum est; fragor aethera terruit ipsum*.

*est editus*, 'was told,' cf. ii. 43, *Clymene veros, ait, edidit ortus*.

*excidit*, all her grief 'was forgotten.' The full expression would be *excidit animo*, as in the familiar passage Verg. Aen. 1. 25, *Necdum etiam causae irarum saevique dolores Exciderant animo*.

289. *poenae amorem*, 'desire of vengeance.'

291. *Thestias*, the daughter of *Thestius*, i.e. *Althaea*.

*triplices sorores*, 'the three sisters,' the Fates, *Clotho*, *Lachesis*, and *Atropos*, whose respective attributes are given in the line, *Clotho colum retinet, Lachesis net, et Atropos occat*.

For *triplices* = *tres*, which use occurs especially in speaking of three persons or things that have some connexion with or relation to one another, cf. ii. 654, *triplicesque deae tua fila resolvent*.

For the rare construction *ponere in* with accusative, cf. R. Am. 719, *Omnia pone feros, quamvis invitus, in ignes*.

292. *Stamina fatalia*, 'the threads of destiny.' Cf. Tib. 1. 7. 1, *Hunc cecinere diem Parcae fatalia nentes Stamina*.

*inpresso pollice*. In weaving the thread is passed under the pressure of the thumb.

293. *Tempora eadem*, 'the like duration,' 'the like span of being.'

294. *carmine*, 'prediction.' Siebelis translates 'das wiegenlied,' i.e. cradle song, lullaby.

297. *Ille, sc. torris*.

*imis* is here equivalent to 'inmost' the *penetralia* being regarded as the storage place, at the bottom of which, i.e. in the inmost recesses of which, the brand was hidden.

298. *Servatus*. The log being preserved from the flames preserved the life of Meleager.

299. *taedasque et fragmina*, 'pinewood faggots and chips.'

301. *conata quater*. The phrase expresses the conflicting emotions of her love for her brothers and love for her son. According to the belief of the time the murdered men could not have rest in the other world unless they were avenged.

*ramum* = *torrem* of line 296.

302. *Coepta tenuit*, 'checked her purpose,' literally 'checked her undertaking.' For this sense of *tenere*, cf. xiii. 203, *Vix tenuere manus—scis hoc, Menelae!—nefandas*.

*mater* and *soror*, mean 'the feelings of the mother and of the sister,' as in xiii. 187, *in rege tamen pater est*,—*pater* means 'the feelings of the father.' This use of *mater* is paraphrased by *mens materna* in line 333.

303. *diversa* agreeing with *nomina* is to be taken predicatively with *trahunt*, 'the two names (i.e. mother of the murderer, sister of the murdered) draw the one heart in opposite directions.'

304. *sceleris futuri*, 'her intended crime,' 'the crime she was about to commit.'

305. *suum*, anger gave 'its' flush, i.e. the flush that generally accompanies anger. Cf. i. 17, *nulli sua forma manebat*. See lines 116 and 392.

306. The order is: *et modo vultus erat similis minanti nescio quid crudele, modo (ei) quem misereri*, etc., 'her face at one moment seemed to threaten some cruel deed, at another it seemed like one that you might think felt pity.'

310. *ventus ventoque contrarius aestus*, 'the wind and the tide setting against the wind.'

311. *paretque incerta duobus*, 'and veering to and fro obeys the two,' sc. the wind and the tide.

312. *dubiis affectibus errat*, 'wavers with conflicting emotions.' Cf. Fasti 3. 543 sq., *Quae tamen haec dea sit, quoniam rumoribus errant, Fabula proposito nulla tacenda meo*.

313. *In vices* and *per vices* are poetical forms for *invicem*. The plural expresses frequent change.

*ponit*, 'lays aside.'

314. *melior germana parente*, 'a better sister than mother.' Cf. Trist. 1. 7. 16, *cremasse suum fertur sub stipite natum Thestias et melior matre fuisse soror*.

315. *Poenarum deae triplices*, the three Furies, or Eumenides, as they are called in the next line.

*furiaribus sacris*, 'sacrifice of the Furies,' i.e. 'a sacrifice of vengeance.'

317. *nefas* is of course the object of *ulciscor* as well as of *facio*.

318. The construction of *addere* with *in* suggests 'heaping on.'

320. *felix* is part of the predicate; 'shall Oeneus have the happiness to enjoy?' The future is used here in the same sense as in the next line, where *erit* means 'is he to be?' 'should he be?' Cf. vii. 38, *prodamne ego regna parentis?*

321. *Melius lugebitis ambo*, 'better ye should both mourn,' i.e. both Oeneus for the loss of his son Meleager, and Thestius for the loss of his sons Plexippus and Toxeus.

322. *animae recentes*, 'but lately become spirits,' 'spirits of the lately dead.' Cf. iv. 434, *umbraeque recentes Descendunt illac*.

323. *Officium*, 'my dutiful service,' service done in fulfilment of sisterly duty.

**magnō**, ablative of price.

325. **fratres ignoscite matri**, 'brothers, pardon a mother's feelings.'

326 sq. **Meruisse**, etc., 'I admit he has deserved to die.'

327. The emphasis is on **auctor**, i.e. that I, his mother, should slay him troubles me.

328. **inpune feret**, 'come off with impunity.' See note on line 121.

330. **cinis exiguuus**, 'a handful of ashes.'

331. **patiar**. Cf. line 276, *tulit*.

332. **Spemque patris**, etc., 'and let him sweep off his father's hopes, and in his fall carry with him his kingdom and his country.'

**trahat** goes with **spem** as well as with **ruinam**. **Trahere spem** is 'to sweep away the hopes.' **Trahere ruinam** is the expression for a building falling with a crash, and is here used figuratively.

333. **iura parentum**, 'the duties of a parent.' Cf. vii. 503, *foedusque refert et iura parentum*.

334. **O**. Notice the hiatus which is common after this interjection.

**primis ignibus**. See lines 290 sq.

335. **Idque ego passa forem**. Continue the force of *utinam*, 'and would that I had allowed it,' sc. that you should be burned. For the sense of *patior*, cf. line 331.

339. **Et cupio et nequeo**, 'I wish (to do the deed) and yet I cannot.'

**Modo ... Nunc**. Cf. line 130.

341. **pietas**, 'affection.' Cf. i. 204, *Nec tibi grata minus pietas, Auguste, tuorum*.

**maternaque nomina**, 'the name of mother.' Plural for singular. Cf. line 71, *patrium nomen*.

**frangunt**, 'bend (literally, break) my purpose.' Cf. Her. 1. 85 sq., *Ille tamen pietate mea precibusque pudicis Frangitur*.

342. **male**, 'in an unholy fashion.' See lines 317 and 318. Loers and others, however, explain 'to my sorrow.'

343. **solacia**, i.e. her son Meleager, whom she is giving as a victim to appease her murdered brothers. Althaea desires that she herself should follow her son and her brothers to the grave.

344. *dextraque aversa trementi.* Cf. vii. 341, *Caecaque dant saevis aversae vulnera dextris.*

345. *Funereum*, 'fatal.'

346. *Aut dedit, aut visus est dedisse.* Cf. ix. 782, *Visa dea est movisse suas, et moverat, aras.*

347. *invitis.* The fire is represented as shrinking from such fuel.

348. *Inscius*, unconscious of what had happened.

*flamma ab illa.* For the use of *ab*, see note on line 218.

349. *caecis*, 'unseen.' Cf. iii. 490, *caeco paulatim carpitur igni.*

351. *ignavo et sine sanguine leto*, 'by a dastard and bloodless death.' For *ignarus*, 'unwarlike,' 'cowardly,' cf. viii. 73, *ignavis precibus Fortuna repugnat.* *Iners* is similarly used. For *sine sanguine*, cf. i. 26, *Ignea convexi vis et sine pondere coeli.* For the position of *tamen*, cf. vi. 352, *Quae tamen ut detis, supplex peto.*

352. *Ancaei vulnera.* See line 240.

353. *fratres...sorores.* Meleager had, according to Nicander (see Anton. Lib. 2), five brothers and four sisters. The latter were named Gorge, Deianira, Eurymede, and Melanippe.

*pias*, 'affectionate.'

354. *sociam tori*, 'the partner of his couch.' His wife's name was Cleopatra or Alcyone.

*ore supremo*, 'with his last breath.'

355. *ignis*, sc. *stipitis.* See line 347.

356. *uterque*, i.e. *ignis* and *dolor.* As the torch is burned out, the suffering and the life of Meleager end.

357 sq. The repetition of *paulatim* emphasizes the simultaneous passing away of the man's spirit and sinking of the brand to ashes.

359. *Alta.* Calydon called *πετρήσσα* in the Iliad, was situated on a spur of Mount Aracynthus.

*iacet*, 'lies prostrate' with grief.

360. *Vulgusquē.* This lengthening, which is often found in the arsis of the second foot, and less frequently in that of the fifth, occurs only when another word connected by *que* follows. Cf. i. 193, *Faunique satyrique et monticolae silvani.* It is an imitation of the Greek usage in such passages as Iliad, 3. 221, *ἄλλ' ὅτε δῆ δέ τε μεγάλην ἐκ στήθεος ἔει.*

**scissaeque capillos**, 'with dishevelled hair.' This accusative of the part concerned, for which in prose the ablative is generally found, is used chiefly of parts of the body. See Roby, 2. 1102. Cf. iv. 546, *scissae cum veste capillos*.

361. **Planguntur**, 'beat their breasts' in sign of grief; a middle form like the Greek *κόπτεσθαι*.

**Matres Calydonides Evenīnae**, 'matrons of Calydon who dwell by the Evenus.'

**Evenīnae**, 'of the river Evenus,' formed on the analogy of *'Ωκεανίη* from *'Ωκεανός*, *'Αδρηστίνη* from *'Αδρηστος*. Cf. Iliad, 9. 557, *κούρη Μαρπήσσης καλλισφύρου Εύηνίνης*. The river Evenus, now Fidhari, which rises in Mount Oeta and flows through Aetolia, was formerly called Lycormas; see ii. 245.

363. **spatiōsum**, 'prolonged.' For this adjective, used of time, cf. Am. 1. 8. 81, *Sed nunquam dederis spatiōsum tempus in iram*; xii. 186, *spatiōsa senectus*.

364. **Nam**, i.e. I need not speak of the mother's grief 'for' she committed suicide. Cf. vi. 271, *Nam pater Amphion erro per pectus adacto Finierat moriens pariter cum luce dolorem*.

**manus**, sc. her own, Althaea's own hand.

366. **Non mihi**, etc. This mode of expressing the impossibility of giving an adequate description occurs several times in the Roman poets, e.g. Verg. Georg. 2. 43 sq.; Trist. 1. 5. 53 sq., and is borrowed from Iliad, 2. 488 sq., *πληθὺν δ' οὐκ ἀνέγώ μυθήσομαι οὐδ' ὀνομήνω οὐδ' εἴ μοι δέκα μὲν γλῶσσαι, δέκα δὲ στόματ' εἰν, φώνη δ' ἄρρηκτος, χάλκεον δέ μοι ἡτορ ἐνείη*. The usage is ridiculed by Persius, 5. 1 sq. Join *centum* with *linguis*.

367. **totumque Helicona**, i.e. the whole art of song, Mount Helicon in Boeotia being sacred to Apollo and the Muses.

368. **persequerer**, 'follow out in detail.'

369. **liventia** is a proleptical predicate, expressing the result of *tundunt*, 'beat their breasts till they are black and blue.' For the proleptic use cf. iii. 76, *vitiatas inficit auras*.

370. **Dumque manet corpus**, i.e. so long as the body remains unburnt.

**refoventque foventque**. For the inverted order due to metrical requirements cf. line 5, *refluitque fluitque*; ii. 409, *redit itque*.

371. **ipsi**, 'to the body,' literally to 'himself' as opposed to the bier.

*posito dant oscula lecto.* Cf. Tib. 1. 1. 61 sq., *Flebis et arsuro positum me, Delia, lecto Tristibus et lacrimis oscula mixta dabis.*

372. *Post cinerem*, etc., 'after the corpse is reduced to ashes they collect the ashes and press them to their breasts.' *Post cinerem* is a concise expression for *postquam cinis factus est.* Cf. Pont. 4. 16. 3, *Famaque post cineres maior venit.* For *haurire*, 'pick up,' 'gather up,' cf. xiii. 425, *tamen unius hausit, Inque sinu cineres secum tulit Hectoris haustos.*

373. *Adfusae iacent tumulo*, 'lie prostrate on the tomb.' Cf. ix. 366, *Adfusique suae radicibus arboris haerent.*

*signataque*, etc. Cf. ii. 338 sq., *nomenque in marmore lectum Perfudit lacrimis et aperto pectore* (i.e. rending her robe) *fovit.*

375. *Parthāōniae domūs*, 'the house of Parthaon,' i.e. Oeneus, for Oeneus was the son of Parthaon. See ix. 12.

*Latonia*, sc. *proles*, i.e. Diana, daughter of Latona. The word *proles* is expressed in Trist. 5. 1. 57, *Cum faceret Nioben orbam Latoia proles.*

376. *Gorgen.* See note on 353.

*nurumque Nobilis Alcmenae.* Deianira was the wife of Hercules, the son of Alcmena. See Hyginus 174, *At sorores eius (Meleagri) praeter Gorgen et Deianiram, flendo deorum voluntate in aves sunt transfiguratae, quae Meleagrides vocantur.*

378. *Allevat*, 'makes them soar,' literally 'lifts them up.'

*per*, 'along,' 'over.' The birds here described into which the sisters of Meleager were changed were called Meleagrides, i.e. guinea-fowl. See passage quoted from Hyginus on line 376.

379. 'Makes their lips horny, and sends them, transformed, flying through the air.'

380-403. Here again, as in the tale of the Calydonian boar hunt, an adventure of Theseus serves to introduce a series of transformations that have no special connexion with that hero. On his way home from the Calydonian hunt Theseus and his companions are entertained by the river god Achelous, and as they sit at meat the stories of four transformations are narrated, viz., of the Echinades, of Philemon and Baucis, of Erysichthon, and the fight between the river god Achelous and Hercules, which last tale, however, can hardly be strictly said to describe a transformation.

380. *sociati*, etc., 'having done his share of the common task,' i.e. the Calydonian hunt. Cf. line 109-111.

381. *Erechtheas arces*, i.e. Athens. Cf. vi. 677, *Sceptra loci* (namely, Athens) *rerumque capit moderamen Erechtheus*. Odyss. 7. 80 sq., ὅκετο δ' ἐς Μαραθῶνα καὶ εὐρυάγνιαν Ἀθήνην, δῦνε δ' Ἐρεχθῆνος πυκνὸν δόμον.

*Tritonis*, -idis or -idos, is properly a feminine adjective, 'of or belonging to Lake Triton,' on the Mediterranean coast of Libya. It is sometimes used as the name of the lake, but more frequently, as here, for Pallas Athena or Minerva, who was said to have been born on the lake.

For the expression *Tritonidos arces* = Athens, cf. line 92, *sacraque ex arce Minervae*.

ibat, 'was on his way.'

382. *Clausit iter*. Ovid's geography is at fault. The Achelous lay to the west of Calydon, and would not therefore have blocked Theseus' way on his return to Athens, which lay to the east.

eunti. The dative of course depends on *clausit iter fecitque moras*, 'blocked his way and delayed him on his journey.'

383. *Imbre tumens*, 'swollen with rain.'

*Succede*, 'enter.' Cf. ii. 766, *Constitit ante domum, neque enim succedere tectis Fas habet*.

*ait*. The subject is *Achelous*. *Ait* is a dissyllable. In this verb *a* and *i* are usually pronounced as two letters if the *i* is followed by a consonant; otherwise *ai* are treated as a diphthong, as in *aiebam*, which is a trisyllable.

384. *Cecropidā*, vocative of *Cecropides*, -ae, a name given to Theseus because Cecrops was the mythical founder of Athens.

*nec*. See note on line 272.

385. *trabes solidas*, 'entire trees.' Cf. line 169, x. 372 sq., *utque securi Saucia trabs ingens, ubi plaga novissima restat, Quo cadat, in dubio est, omniq[ue] a parte timetur*.

*obliqua*, 'lying across the stream.'

386. *solent*. The subject is *undae* supplied from line 384.

*Vidi*. Siebelis remarks that Achelous is described in a somewhat comic light. Though a river god he cannot control the waters of his stream, but looks on helplessly at the destruction they work. For the description, cf. i. 304, *Nat lupus inter oves, fulvos vehit unda leones, Unda vehit tigres, nec vires fulminis apro, Crura nec ablato prosunt velocia cervo*.

387. *alta* is a common epithet of *stabula*. See vi. 521, v. 627. Cf. Od. 14. 5, *αὐλὴ ὑψηλὴ*.

*trahi*, 'swept away.' Cf. xv. 714, *multamque trahens sub gurgite harenam Volturnus*.

*nec fortibus*, etc. The order is, *nec armentis profuit illic fortibus esse*, *nec equis velocibus esse*, 'there it was of no avail for the herds to be strong, for the horses to be swift.' For the construction, cf. line 245, *licet eminus esse Fortibus*.

389. *solutis*, 'thawed.'

390. *turbineo*, 'shaped like a top,' 'cone-shaped.'

391. *dum*, 'until.'

*flumina*, is used of the swollen waters of a river, floods, as in i. 422 sq., *Sic ubi deseruit madidos septemfluus agros Nilus et antiquo sua flumina reddidit alveo*.

392. *Limite*, 'channel.' See note on line 45.

*tenues*, 'abating' waters, in contrast to *tumens*, 'rising, in line 383.

*capiat*, 'contains,' 'is large enough for.' Cf. line 110 and i. 344, *plenos capit alveus amnes*.

*suus alveus*, 'their (i.e. the waves) channel.' For *suus*, 'their natural,' 'their appointed' channel, cf. vi. 489, *placido dantur sua corpora somno*, 'the bodies that are his,' i.e. sleep's, for men's bodies by night belong to sleep, i. 17, *nulli sua forma manebat*.

393. *Aegides*. Theseus was son of Aegeus.

The first *que* belongs to *respondit* in the next line. So in i. 753, *Non tulit Inachides, matrique, ait, omnia demens Credis*, where *que* belongs to *ait*. In the poets *que*, when used to introduce a clause in direct narration, is often joined, not to the parenthetical verb of saying, such as *ait*, *inquit*, *respondit*, to which it properly belongs, but to a preceding word of the direct narration itself.

394. *Consilioque*, i.e. your advice to enter your house. For the *ἱστερον πρότερον* in the order *domoque consilioque*, cf. line 5, *refluitque fluitque*, and line 370, *refoventque foventque*.

395. *multicavo*, 'porous.'

*nec lēvibus*. The negative in *nec* belongs to *levibus*, it does not go with the verb *subit*. The expression is equivalent to *et tophis non levibus*, and enters the halls built of 'rough tufa.' Cf. i. 110, *Nec renovatus (=et non-renovatus) ager gravidis canebat aristis*. *Neve* and *neu*, as well as *nec*, are often so used that their conjunctive force alone affects the main sentence, while their negative force belongs to some special word or part of the sentence.

In i. 574 sq. the river god Peneus is said to have had a similar cave dwelling : *haec sunt penetralia magni Amnis; in his, residens facto de cautibus antro, Undis iura dabat nymphisque coalentibus undas.*

397. **Summa**, sc. *atria*, i.e. the ceiling of the hall.

*lacunabant*, etc., 'mussels and murex-shells in alternate panels decorated the ceiling,' lit. mussels with alternating murex-shells panelled the ceiling. Such ceilings are called *lacunaria* from their sunken spaces. For *alterno*, cf. iii. 792, *Gesserit alternis immixtos crinibus angues.*

398. *duas partes*, 'two thirds.' Fractions with a numerator less by one than the denominator are denoted by the cardinal numerals with *partes* simply, e.g. *tres partes*, 'three fourths'; *quattuor partes*, 'four fifths.' Cf. xi. 287, *tuaque haec pro parte vocato*, where *parte* is 'half,' i.e. one part out of two.

*lucis*, 'the day.' Cf. i. 772, *sitque oculis lux ista novissima nostris.*

**Hýpérionē**, Hyperion, here a synonym for 'the sun,' is also the father of the sun, as in iv. 192, *quid nunc, Hyperione nate, Forma colorque tibi radiataque lumina prosunt.* So in Homer 'Τπερίων' is sometimes 'the sun,' while sometimes the sun, 'Ηέλιος, is called 'Τπερίωνίδης, 'the son of Hyperion.'

**menso.** The poets sometimes use *metior* for 'to traverse,' instead of which *emetior* would be more correct. Cf. ix. 447 sq., *Sponte fugis, Miletē, tua, celerique carina Aegaeas metiris aquas.*

400. **Hac**, sc. *parte.*

**Ixiōnides**, Pirithous. See line 143.

**Troezenius heros Lelex.** See line 152. Lelex is here called *Troezenius* because of his visit to Pittheus, king of Troezen, whose grandson Theseus was. See Haupt.

401. *raris*, etc., 'his brows now sprinkled with gray hairs here and there.' Cf. Dryden, *His hair just grizzled As in a green old age. Cāni, -orum, sc. capilli, 'gray hairs.'* Cf. i. 266, *canis fluit unda capillis.* For the accusative *tempora* see note on line 360. Cf. i. 265, *Terribilem picea tectus caligine vultum.*

402. **Quosque** *alios* = *aliique quos.* Cf. xv. 867.

403. **Acarnanum**, gen. pl. of *Acarnan*, 'the river of the Acarnanians,' is the Achelous, which formed the boundary between Acarnania and Aetolia.

**hospite tanto.** The great guest is of course Theseus, who

is called *maximus heros* in line 406, and *maxime Theseu* in vii. 433.

404-422. Transformation of five nymphs into the Echinades. The myth as to the formation of the Echinades seems to occur here for the first time. These islands, now called Curzolari, lay off the mouth of the river Achelous, and were probably named from their fancied resemblance to the Echinus or sea-urchin. The Achelous, now called the Aspro Potamo, i.e. the White River, marked the boundary between Acarnania and Aetolia, and was the largest river in Greece. The islands, as Thucydides observes in book 2. 102, were formed by the alluvial deposit of the river, which has now connected the largest of them, Dulichium, with the mainland. Near this is Missolonghi, where Byron died in 1824, and where was the chief centre of Western Hellas in the Greek War of Liberation. The transformation of the Nymphs here described was due to the wrath of the Achelous at their having preferred the gods of the country to him in offering sacrifices. The tale therefore appropriately follows the Calydonian hunt, as it was owing to similar neglect of another deity, Diana, that the Calydonian boar was sent by her to ravage the land. See line 118 sq.

404. *nudae vestigia*, 'bare foot.' For the accusative *vestigia* see note on line 360. Cf. vii. 183, *Nuda pedem*. Gierig says the attendants were barefoot as a mark of respect.

405. *mensas*. The plural is used because a small separate table was placed by the side of each guest.

406. *In gemma posuere merum*, 'set on wine in goblets. *Gemma*, properly a precious stone, is here used of a goblet made of or decorated with precious stones. Cf. Prop. 3. 5. 4, *Nec bibit e gemma divite nostra sitis*.

*maximus heros*, Theseus.

407. *Aequora*, etc., 'looking out over the sea that lay before his eyes. The Achelous flowed into the Ionian Sea, and the group of islands called the Echinades lay off its mouth.

408. *et* connects the two parts of the reported speech as if *inquit* was repeated, so we may translate 'and he continued.'

409. *gerit*, not *gerat*, because the meaning is 'tell me the name of the island,' not 'tell me what name the island bears.' In other words, the object of *doce* is not the relative clause *quod nomen insula gerat*, but the substantive *nomen*, which substantive is defined by *quod gerit*. Loers, however, ex-

plains the indicative by making the passage a direct interrogative, 'what name does the island bear? Tell me.'

*quamquam* introduces a correction or qualification of what has just been said, that island, 'although it seems to be not merely one,' i.e. although I am hardly right in speaking of it as one, for there seem to be several islands. Cf. vii. 37, *Di meliora velint*; *quamquam non ista precanda*, i.e. 'I pray the gods may grant better things, although I am not right in praying for that.'

411. *terrae*, 'pieces of land,' 'strips of land.'

*spatium discrimina fallit*, 'the distance makes the intervening spaces unnoticed.' Cf. line 463, *fallunt sermonibus horas*; vi. 60, *studio fallente labore*.

412. *Quōque minus mirere*. After these words *scito* or *audi* is to be supplied. Cf. vii. 520 sq., *neu longa ambage morer vos, Ossa cinisque iacent*.

For *spretæ factum Dianaæ*, cf. line 123. The vengeful act of Diana in sending the Calydonian boar is in a manner justified by the similar act of vengeance on the part of another god.

414. *rurisque deos*. Cf. i. 192, *sunt rustica numina nymphæ Faunique satyrique et monticolæ Silvani*.

416. *cum plurimus umquam*, repeat *feror*.

417. *animis*, 'rage.'

418. Gierig and Loers read *revelli*, but all the other editors seem to read *revulsi*. The correct form seems to be *revelli*, though *revulsi* is sometimes found in post-Augustan writers. See Roby 1. p. 262, and my note on *Calpurnius Siculus* 4. 155.

419. *memores tum denique nostri*, 'who then and not till then called me to mind.'

422. *totidem*, sc. five.

423-533. Transformation of Philemon and Baucis into trees. The scene is still the banquet hall of the river god Achelous, and the story is told by Lelex as a protest against the incredulity with which their host's story about the Echinades was received by Pirithous. See notes on 380-403 and 404-422. Once on a time Jupiter and Mercury, in the likeness of men, visited Phrygia. They were not well received, and they sought shelter and hospitality in vain until they came to the cottage of Philemon and Baucis. This aged pair, though steeped in poverty, gave the gods liberally such entertainment as their humble abode could afford, and as a reward, were saved from a deluge which the gods, in anger for their unfavourable

reception, sent upon the district. The humble cottage became a temple, of which the hospitable old couple were made the priests. They prayed the gods that neither of them might survive the other, and in answer to their prayer, they were both at the same time transformed into trees, Philemon into an oak, and Baucis into a linden.

Haupt says that Ovid's source for the tale probably was the Lyciaca of Menecrates Xanthius, and that he also made use of the Hecale of Callimachus, an epic poem that described how an aged woman hospitably received Theseus when he went to fight the Marathonian bull. In Fasti 5. 495 sq., a tale somewhat similar to the present is told of the aged Hyriens, who entertained the same two gods.

423. **Amnis.** The river god Achelous.

*ab his*, 'after this,' 'hereupon.' Cf. iii. 273, *Surgit ab his solio*. So in Greek *ἐκ τούτων*.

**Factum**, as in lines 412 and 535.

424. **Moverat**, 'moved with surprise,' 'stirred,' 'made an impression on.' Cf. vii. 758, *mirandi novitate movebere facti*.

**irridet.** The subject is *Ixione natus* in the next line.

**utque.** *ut* has here a causal sense, 'since,' 'inasmuch as.'

**que** goes with *dixit* in line 427. See note on line 393.

425. **mentis ferox**, 'proud in spirit.' Cf. Tac. A. 1. 32, *animi ferox*.

**Ixione natus.** Pirithous was, like his father Ixion, a despiser of the gods.

427. **si dant** is a concise expression for *si putas eos dare*, 'if you think that they give and take away.'

429. **Ante omnesque.** For the position of *que*, cf. i. 389, *Verba datae sortis secum inter seque voluntant*.

432. **Quoque minus.** See note on line 412.

433. **modico**, surrounded by a 'low' wall.

434. **Pēlopēla arva**, the country of Pelops, i.e. Phrygia.

Pittheus, king of Troezen, was a son of Pelops.

435. **regnata.** The passive participle *regnatus* with dative of agent is common in the poets. Cf. xiii. 720 sq., *regnataque vati Buthrotos Phrygio*.

436. **Haud procul hinc**, i.e. not far from the hills mentioned in line 433.

439. **Atlantiades.** Hermes or Mercury was son of Zeus and Maia, a daughter of Atlas. The use of *caducifer* in this line

is a good instance of an *epitheton ornans*. In his assumed character of a mortal, Hermes would of course not carry the *caduceus* which, along with the *talaria* or winged sandals (here called *alis*), formed part of his distinctive attire. *Caducifer* here is therefore merely a standing epithet.

442. *tecta*, 'thatched.'

445. *paupertatem fatendo*, 'by admitting their poverty.' They did not try to keep up appearances.

446. *nec iniquā mente ferendo*=*et ferendo mente non iniqua*, 'and by bearing it with patience.' Cf. *Trist.* 3. 3. 57, *extenua forti mala corde ferendo*. For this use of *nec*, see line 395.

448. *Tota domus duo sunt*, 'the whole household consists of two.' Cf. *Fast.* 4. 543 sq., *Tota domus laeta est, hoc est, materque paterque Nataque; tres illi tota fuere domus*.

*idem* is of course plural, *iidem*.

*idem pārentque iubentque*, i.e. the servants and masters are the same persons.

449. *tetigere*, 'reached.' Cf. iv. 779, *Gorgoneas tetigisse domos*.

452. *Quo*, adverb.

*sedula*, 'attentive.'

453. *tepidum*, 'cold.' Cf. xi. 225, *haud tepidos sub pectore senserat ignes*. For the description cf. *Fast.* 5. 506 sq., *Ignis in hesterno stipite parvus erat: Ipse genu nixus flamas exsuscitat aura Et promit quassas comminuitque faces*.

455. *ad flamas producit*, 'fans to a flame.'

456. *tecto Detulit*, 'brought down from the garret.'

457. *minuit*, 'broke up.'

459. *Truncat foliis*, 'strips of its leaves.'

*Furca levat*, etc., 'with a two-pronged fork he takes down the smoked flitch of bacon that hung from the blackened rafters.'

462. *domat*, 'softens,' 'cooks.' Cf. i. 228 sq., *ferventibus artus Mollit aquis*.

463. *medias horas*, 'the interval,' the time until supper was ready. Cf. iv. 167 sq., *Desierat, mediumque fuit breve tempus, et orsa est Dicere Leuconoē*.

*fallunt*, 'they beguile.' See note on line 411.

464. *Concutiuntque*, etc., 'and shake up the pillows of soft river sedge laid on the couch, the frame and legs of which were of willow.'

*sponda pedibusque salignis* are ablatives qualifying *lecto*.

466. *Vestibus*, 'couch covers.'

*non nisi*, 'only.'

467. *sed et haec*, 'but even this.'

468. *lecto*, etc., 'not to be spurned by a couch of willow wood.' This is said jestingly. The coverings were of an humble character, so that the couch of humble materials could not consider them too fine for it. *lecto* is dative.

469. *succincta*, 'with robe girt up.' Cf. Fast. 1. 407, *Illo super suras tunicam collecta ministrat*.

470. *pes tertius*. Three-legged tables were unfashionable in Ovid's time, and therefore a further sign of poverty. The table in fashion had but one foot.

471. *parem*, sc. *tertium pedem*, 'a potsherd made it (the third leg) even.'

*clivum* is the 'slope' of the table caused by one leg being shorter than the others.

472. *aequatam*, sc. *mensam*, the table 'levelled.'

*mentae*, 'mint,' instead of sponges, which were generally used.

473. *bicolor*, i.e. green and black.

*sincerae*, 'pure,' 'chaste.'

*baca Minervae*, i.e. olive. The poverty as well as the hospitality of the hosts is shown by the fact that the dishes though numerous are all homegrown and not purchased.

474. *Condita*, 'stored,' 'not *condita*, 'pickled.'

475. *Intiba*, 'endives,' or 'succory,' a kind of salad.

*radix*, 'a radish.'

*lactis massa coacti*, 'curdled milk,' 'cheese.'

476. *Ova*. The Romans were wont to begin supper with eggs and end it with apples, whence the phrase *ab ovo usque ad mala*, 'from beginning to end,' in Hor. Sat. 1. 3. 6.

*non acri favilla*, 'on the dying embers,' literally, the embers no longer glowing.

*leviter versata*, 'lightly turned,' i.e. they were poached so as to be soft, not hard. George Sandys translates, 'new egges rosted reare.'

477. *Omnia fictilibus*, 'all served on earthenware.'

*Post haec*. The order of the entertainment was as follows: first, olives, radishes, cheese, eggs, etc., then wine, which was

removed to make room for the smoking dish of bacon and greens; the wine was then again (*rursus referuntur*) placed on the table, but once more set on one side to make room for the desert (*mensis secundis*), consisting of nuts, figs, grapes, honey, etc.

*caelatus eodem argento*, 'embossed in the same silver,' jestingly said for 'made of the same clay.'

478. *fago*. Beechwood bowls were in common use among rustics. See, for example, Verg. E. 3. 36.

479. *Qua cava sunt*. The hollow of the bowl was smeared with wax to make it stanch. Cf. Theoc. 1. 27, *βαθὺ κισσύβιον, κεκλυσμένον ἀδέι κηρῷ*.

480. *Parva mora est*, i.e., presently, after a short delay, as *haud mora* is often used by the poets for 'immediately,' 'without delay.'

*epulas calentes*, i.e. the *holus* and *terga suis* mentioned in lines 459 sq.

481. *Nec longae vina senectae*. The negative belongs to *longae*, not to the verb, so that it is equivalent to *et non-longae*, 'and wine of no ripe age.' Cf. line 446. For the use of *senecta* cf. Juv. 13. 214, *Albani veteris pretiosa senectus*.

482. *paulum seducta*, 'set aside for a while.'

483. *hic*, i.e. at the second course. Cf. Hor. Sat. 2. 2. 121 sq., *tum pensilis uva secundas Et nux ornabat mensas cum duplice fico.*

*rugosis palmis*, 'shriveled dates.' Cf. Fast. 1. 185, *Quid vult palma sibi, rugosaque carica, dixi?*

486. *vultus boni*, 'kindly looks.'

487. *nec iners pauperque voluntas*, 'no lagging or niggardly good-will.' The negative goes with both adjectives, and in prose the expression would be *nec iners pauperve voluntas*, or *et voluntas nec iners nec pauper*. The poets sometimes connect two words by *et* or *que* when a negative expressed with the first belongs to the second also. In prose this is done only when the two words make up one conception.

488. *totiens haustum*, 'so often drained.' Cf. xiv. 277, *Quae (sc. pocula) simul arenti sitientes hausimus ore.*

489. *Sponte sua*. In prose the order is *sua sponte*.

*per se*, the wine fills up anew 'of itself.'

490. *Attoniti novitate*, 'amazed at the strange sight.'

*manibus supinis*, 'with upraised hands.' *ἱπτιαις χερσοῖς.*

In prayer the hands were raised and the upturned palms held towards heaven.

491. *Concipiunt preces*, 'repeat prayers.' Cf. vii. 503 sq., *vota sacerdos Concipit et fundit purum inter cornua vinum*.

492. *nullis paratibus*, beg indulgence 'for their want of preparations,' 'for their preparations that were of no account, insignificant.' For this use of *nullus* Loers compares Livy, 6. 3, *Tullium ... natum patre nullo*, i.e. 'whose father was a nobody.'

493. *Unicus* expresses more than *unus*. It means 'one and no more.' They had 'one only' goose. Cf. line 81.

*custodia*, 'guardian.' Abstract for concrete. Cf. ii. 538 sq., *Nec servaturis vigili Capitolia voce Cederet anseribus*; xi. 599, *canibusus sagacior anser*.

494. *dis hospitibus*, 'the gods, their guests.'

498. The *que* after *Di* connects *dixerunt* in the following line with *vetuere* in line 497, the gods forbid the goose to be killed 'and said' we are gods, etc. Cf. line 576.

499. *Impia*. Referring to the rejection of Jupiter and Mercury by those who dwelt in the neighbourhood. See line 440 sq.

499. *vobis*, etc., 'it will be granted you to escape from this disaster.' Cf. lines 245 and 387.

For *dabitur*, 'will be permitted,' 'granted,' cf. i. 307: *ubi sistere detur*.

500. *modo*, 'only.'

501. The active form *comito* instead of *comitor* is poetical. *ardua montis*, 'the mountain heights.' Cf. v. 421, *in gurgitis ima*.

502. *simul*, 'along with us.'

*baculisque levati*, 'supporting themselves on their staves.'

503. *clivo*. The ablative without the preposition is not uncommon after *ponere* in the poets.

504. *summo*, sc. *clivo*. For the simple ablative with *abesse*, cf. R. Am. 774, *Et poteras nupta lensus abesse tua*.

For 'an arrow flight,' 'bow-shot' as a measure of distance, cf. Iliad, 15. 358,  $\delta\sigmaον \tau' \epsilon\pi\iota \deltaουρδος \acute{e}ρω\eta \gamma\iota\gamma\eta\tauαι$ .

For the construction *Tantum ... quantum*, cf. iv. 709 sq., *Tantum aberat scopolis, quantum Balearica torto Funda potest plumbo mediī transmittere caeli*.

506. *tantum*, 'only.'

507. *suorum*. *Sui* here means their neighbours and acquaintances.

508. The order is—*illa vetus casa, dominis etiam duobus parva*.

509. *furcas subiere columnae*, ‘columns took the place of fork-like props.’ Cf. i. 130, *In quorum subiere locum fraudesque dolique*.

510. *Stramina flavescent*, ‘the thatch turns yellow,’ i.e. becomes golden, as the following words state explicitly.

*tecta*, ‘roof.’ Cf. xii. 475, *Non secus haec resilit quam tecti a culmine grando*.

512. *Saturnius*, i.e. Jupiter.

515. *Iudicium commune*, ‘their joint decision.’

516. *delubra vestra*, i.e. the temple into which the cottage had been changed. *vestra*, and not *tua*, is used because the reference is to both Jupiter and Mercury. *Vester* of course cannot be used in reference to one person.

520. *Vota fides sequitur*, ‘fulfilment follows their prayer.’ Cf. iii. 527, *Dicta fides sequitur, responsaque vatis aguntur*.

*tutela*, ‘the caretakers.’ Abstract for concrete. Cf. line 493, and iii. 617, *flavus, prorae tutela, Melanthus*.

521. *soluti*, ‘paralysed,’ ‘weakened.’

523. *Narrant casus*, ‘were relating the disasters of the spot.’ The reading is doubtful. Haupt adopts *narrant curas*; Gierig and Eichert *inciperent casus*, i.e. began to speak of; Merkel *navarent curas*, i.e. were attending to their duties about the temple.

524. *senior* is often (according to Siebelis, always in Ovid) used in the same sense as *senex*.

525. For *cacumine*, ‘tree-top,’ see line 99.

526. *Mutua reddebant*, ‘exchanged.’

*que* after *vale* belongs to *dixere* in next line, and joins it to *reddebant*.

527. *coniunx*, means of course both ‘husband’ and ‘wife.’

*abdita textit*, ‘covered and concealed.’

528. *Cibyreius*. This is Merkel’s reading, and is from Cibyra, an important city of Phrygia, and so corresponds well enough with line 433, where the scene of the transformation is laid in the hills of Phrygia. Loers reads *Tyaneius* from Tyana, a city in Cappadocia, which is of course less appropriate. Haupt reads *Thymbreius* from

Thymbris or Thimbrius, a river in northern Phrygia. Siebelis reads *Tyrieius* from *Tyriaeum*, a city of Phrygia.

529. *de gemino corpore*, 'formed from the two bodies,' sc. of Baucis and Philemon.

530. *non vani*, 'reliable.'

*neque erat cur*, etc., 'nor was there any motive for their wishing to deceive.'

532. *Serta*, 'votive garlands.' Cf. line 554.

*recentia*, sc. *serta*, and as I hung up 'fresh' garlands, I said, etc.

533. *et qui coluere, coluntur*, 'and those who worshipped are themselves worshipped.'

534-684. The transformations of the daughter of Erysichthon. Theseus desires to hear further tales of the wondrous deeds of the gods. His host, the Achelous, accordingly, having first premised that while some creatures undergo but one change, others, such as Proteus, undergo many, proceeds to tell the tale of Mestra, the daughter of Erysichthon, who received from Neptune the power of transforming herself into various shapes. Erysichthon offended Ceres by cutting down an oak sacred to her. The goddess as a punishment sent on him an appetite so ravenous that all his property was expended in trying to satisfy it. When he had nothing else left he offered his daughter for sale. She appealed to Neptune for protection, and he, in answer, gave her the power of assuming various shapes. She accordingly escaped from the successive masters who purchased her by taking various forms, as, for example, a fisherman, a horse, a bird, a cow, a stag. Her father was thus enabled to sell her again and again. But even this source of revenue did not prove sufficient, and at last the guilty wretch was driven to devour his own limbs.

The transformations of Mestra or Hypermestra as she was also called, were described by Nicander in the second book of his *'Ετεροιούμενα*, as we learn from Antoninus Liberalis, and the punishment of Erysichthon is detailed by Callimachus in his hymn to Ceres.

It has been suggested that the tale is meant to show the barrenness and famine that result from destroying forests. Others have thought that Erysichthon symbolizes mildew. See Smith's Classical Dictionary.

534. The second *et* belongs to *auctor*, cf. line 609.

*moverat*, 'affected,' 'stirred with wonder.' Cf. line 424 and vii. 757, *mirandi noritate movebere facti*.

auctor, 'narrator,' i.e. Lelex, who was *animo maturus et aevi*, see line 429. The meaning is that not only the tale, but also the dignity of the speaker, moved the hearers. Cf. xi. 666 sq., *non haec tibi nuntiat auctor Ambiguus, non ista vagis rumoribus audis.*

535. The pious character of Theseus is similarly referred to in xii. 359 sq., *Sed procul a telo Theseus veniente recessit Pallados admonitu; credi sic ipse volebat.*

536. *deum*, genitive plural.

*innixus cubito.* It must be remembered that this story, like the preceding one, is told while Theseus and his host, the Achelous, are reclining at table. At meals the Romans did not sit at table as we do, but reclined on couches, supporting themselves on the left elbow.

*Calydonius amnis*, i.e. the Achelous, so called because it was in the territory of Calydon, though the town of Calydon itself lay considerably to the east of the Achelous, on the Evenus. Compare the words of Achelous to Oeneus, king of Calydon, in ix. 18 sq., *dominum me (the Achelous) cernis aquarum Cursibus obliquis inter tua (i.e. of Oeneus, king of Calydon) regna fluentem.*

537. *Talibus*, 'with the following words.'

*sunt quorum Forma mota est.* Roby remarks that after *sunt qui* the indicative instead of the subjunctive is unusual (except in the earlier writers and poets), unless an adjective of number or definition be added, as *multi sunt qui*. The indicative, however, is naturally used for the simple definition of existing persons or classes, as here.

538. *mota* is here equivalent to *mutata*.

*et in hoc renovamine mansit*, 'and remained in that new shape.'

539. *quibus*, etc., 'who have the power of passing into several shapes.' Cf. iii. 622, *pars hic mihi maxima iuris* (i.e. right to command).

*transire* is often used to express the process of transformation.

540. *Ut tibi.* On account of his power of transforming himself Proteus is called *ambiguus* in ii. 9.

*complexi*, etc., 'dweller in the land-embracing sea.' According to Homer, Odyss. 4. 351, Proteus, the prophetic old man of the sea, dwelt in the island of Pharos, at the distance of a day's journey from the river Aegyptus, i.e. the Nile. According to Vergil, he dwelt in the island of Carpathos, between Crete and Rhodes.

541. *vidēre*, perf. 3rd pl., not *vidēre*. Translate 'men have seen thee.' For the various changes see Odyss. 4. 456 sq., *πρώτιστα λέων γένετ' ἡγγένειος, αὐτὰρ ἔπειτα δράκων καὶ πάρδαλις ἥδε μέγας σὺς· γίγνετο δ' ὑγρὸν ὑδωρ καὶ δένδρεον ὑψιπέτηλον.* Sea deities seem especially to have enjoyed this power of transforming themselves into various shapes, as appears from the similar story of Thetis xi. 243 sq.

542. *tetigisse*. The poets often, on account of the metre, use the perfect instead of the present infinitive.

*timerent*. For the infinitive *tetigisse* depending on *timeo*, a usage chiefly found in the poets, cf. i. 176, *Haud timeam magni dixisse Palatia caeli*.

544. *videri*, 'to be seen,' not 'to seem.'

546. *undis contrarius ignis*. Cf. ii. 380, *contraria flumina flammis*.

547. Autolycus was a son of Mercury.

547. *Erysichthone nata*. Her name was Mestra, or, according to Antoninus Liberalis, 17, Hypermestra.

548. *Iuris*, as in line 539.

549. *honores*, 'offerings.' Cf. line 119 and x. 681 sq., *cui turis honorem Ferret*.

550. *Cereale nemus*. According to Callimachus, Hymn to Ceres, this grove of Ceres was near Dotium in Thessaly.

551. This line is not a mere repetition of the preceding one, but by the use of *lucos*, 'sacred grove,' instead of *nemus*, and by the addition of the epithet *vetustos*, serves to enhance the enormity of the crime. The use of the plural *lucos*, Siebelis says, indicates splendour, magnificence, and is often found in reference to things relating to the gods, e.g. *templa, arae*, etc.

552. *annoso robore*, 'with aged trunk.' Cf. Verg. Georg. 3. 332, *antiquo robore quercus*.

553. *Una nemus*, 'the one (oak) a wood (in itself).' Cf. Silius 5. 481 sq., *Aesculus, umbrosum magnas super ardua silvas Nubibus insertans altis caput, instar (aperto Si staret campo) nemoris.* Haupt compares Pliny, H. N. 16. 44, *vicina luco est ilex ... silvamque sola facit*.

*mediam*, sc. *quercum*.

*memoresque tabellae*, 'votive tablets,' literally tablets that remember or record, called also *votivae tabellae*, on which either by writing or by a painting was recorded the aid the goddess had given or the favour she had conferred. For

*memor* applied to inanimate things, cf. Hor. Car. 3. 14. 18,  
*Et cadum Marsi memorem duelli.*

554. *Serta.* Cf. line 532.

*voti argumenta potentis*, 'proofs of successful prayer.' As the person who obtains his petition is said to be *potens voti*, 'successful in his prayer,' so the prayer that obtains the request is said to be *potens*, 'effectual,' 'successful.'

555. *hac, sc. quercu.*

**dryādes.** The Nymphs of trees were called Dryades, or Hamadryades, and were believed to die along with the trees which had been their abodes. See line 582. In common with the other Nymphs, such as the Oceanides and the Naiades, they were strictly localized, each Nymph or company of Nymphs being attached to some special tree, and this was one important point that distinguished Nymphs from the great 'Nature' deities. .

556. *manibus nexit*, 'hand in hand.'

*ex ordine*, 'in succession,' 'without intermission,' i.e. 'in an unbroken ring.' Cf. ii. 109, *positaeque ex ordine gemmae.*

*trunci Circuiere modum*, etc., 'often too linking hands in an unbroken circle they made a ring round the compass of the trunk.'

557. *mensuraque*, etc., 'and indeed the circumference of the stem made up the full amount of fifteen ells.'

*que.* When for emphasis or vividness a synonymous expression is subjoined by *que* or *et*, the conjunction may, according to the context, be translated 'and indeed,' 'and thereby,' 'and in it,' etc. Cf. iv. 757 sq., *Protinus Andromedan et tanti praemia facti Indotata rapit*, he carries off Andromeda 'and in her' a reward for his bold deed ; i. 170 sq., *ad magni tecta Tonantis Regalemque domum*, the house of Jupiter 'or rather' his palace. This mode of expression is to be distinguished alike from mere repetition and from hendiadys in that the added word or clause means something more than was before expressed, or gives it additional force.

*ulnas.* There is some doubt as to the length of the *ulna*. Hultsch makes it about two feet, i.e. one third of the *δρυνά* or arm-stretch of nearly six feet. Pliny, however, uses it to express as much as a man can clasp with both arms, about a fathom.

558. *Quinque ter.* The prose expression is *ter quinas*. Cf. xii. 15, *volucrum bis quattuor* for *bis quaternarum.*

*nec non et cetera*, etc., 'moreover the rest of the wood too lay as far below this tree as the grass lay below all the rest of the wood.' An exaggerated mode of expressing great height; the oak he is speaking of towered as high above the other trees of the forest as those other trees did above the grass at their feet. The order of the words is: *cetera silvā tanto fuit sub hac (sc. quercu) [= tanto fuit hac inferior], quanto herba sub omni silvā fuit.* *nec non* is a poetical and post-Augustan combination. In classical prose the two words are usually separated by an intervening term, e.g. Cic. Milo, 32. 86, *nec vero non eadem ira deorum.*

*cetera silva* = *ceterae arbores.*

560. *Triōpēiūs*, Erysichthon, son of Triopas, king of Thessaly.

*ferrum illā (sc. quercu) Abstinuit*, did not 'keep his axe from it.'

561. *famulosque*. For *que* when we would rather expect *sed* after *non*, see Roby, 2. 458.

562 sq. The order is: *sēcūri ab (from) uno (sc. famulo) raptā.*

564 sq. The order is: *licebit non solum sit dilecta deae sed et ipsa sit dea*, 'although the tree be not only beloved by a goddess, but be even a goddess herself.'

565. *iam*, 'presently,' 'forthwith.'

*cacumine*, used of a tree top, as in line 99.

566. *obliquos*, etc., 'while he swings his axe for the slant-wise stroke.'

567. *Dēōiā*, 'sacred to Deo,' i.e. Ceres, in Greek  $\Delta\eta\omega$ .

568. *pariter ... pariter*. Cf. line 164. Lewis and Short remark that the reduplicated expression gives greater vivacity.

569. *pallorem ducere*, 'grow pale.' Cf. iii. 484 sq., *variis solet uva racemis Ducere purpureum nondum matura colorem*, 'to colour,' i.e. to become coloured. In Verg. Aen. 3. 22 sq., there is a somewhat similar description of the shrubs that grew over the body of Polydorus being sensitive, and bleeding when torn up.

572. *victima* is in apposition to *ingens taurus*, when a great bull falls 'as a victim.'

573. *abruptā*, 'severed.'

574. *Obstipuere omnes*, 'all stood aghast.'

*Aliquis ex omnibus*. According to Callimachus it was not one of the bystanders but Ceres herself in the form of her own

priestess who interfered, and when she was roughly repulsed by Erysichthon resumed her own shape, and pronounced his penalty.

575. **Deterrere nefas**, 'to avert the outrage.' This use of *deterrere* with an inanimate object instead of *defendere*, *prohibere*, etc., is rare, but an example of it occurs in Livy, 4. 24, *ut vis a censoribus nullius auctoritate praeterquam ipsius Mamerci deterreri quiverit*.

576. **mentisque**. The *que* belongs to *dixit*. Cf. line 498.

577. **Thessalus**, i.e. Erysichthon, whose father Triopas for some time got possession of the district of Dotium, south of Ossa in Thessaly.

**virum**, i.e. the *aliquis ex omnibus* mentioned in line 574.

578. **repetitaque robora caedit**, 'strikes the wood again and again.' Cf. v. 473, *Et repetita suis percussit pectora palmis*; iv. 734, *exegit repetita per ilia ferrum*, drove home the steel, 'thrust after thrust.'

579. The order of course is *cum talis sonus redditus est*.

582. **moriens**. See note on line 555, and cf. Fast. 4. 231 sq., *Naida vulneribus succidit in arbore factis*; *Illa perit*; *fatum Naidos arbor erat*.

**nostri solacia leti**, in apposition to *poenas*. The nymph finds consolation for her death in the approaching punishment of him who caused it.

586. **suo**, the loss of the tree was felt by the nymphs as well as by the forest, for with the tree their sister Dryad perished.

587. **cum vestibus atris**. Black was the colour of mourning as with us. Cf. vi. 288 sq., *stabant cum vestibus atris Ante toros fratrum demisso crine sorores*.

590. As Jupiter shook Olympus with his nod, so Ceres here shakes the crops that were her province. See i. 179 sq., *Terrificam capitum concussit terque quaterque Caesariem, cum qua terram mare, sidera movit*. Iliad, 1. 528,  $\hat{\eta}$ , *καὶ κυανέργους ἐπ' ὁδρύσι νεῦσε Κρονίων· ἀμβρόσιαι δ' ἄρα χαῖται ἐπερρώσαντο ἄνακτος κρατὸς ἀπ' ἀθανάτοιο· μέγαν δ' ἐλέλιξεν Ὀλυμπον*.

591. **Moliturque**, etc., 'and devises a kind of punishment such as to excite sympathy, were he not unworthy of any one's sympathy owing to his deeds.'

592. **nulli** is of course used as dative of *nemo*. Cf. iv. 67, *Id vitium, nulli per saecula longa notatum*.

593. The infinitive clause *lacerare* Fame defines the kind of punishment, *genus poenae*.

Famē, with last syllable long as in v. 165, *Exstimulata fame  
mugitibus armentorum.*

Quae, etc., 'and since she (Fames) could not be visited by the goddess herself (Ceres).'

594. *neque enim*, not *non enim*, is the usual expression, though *non enim* is sometimes found. Cf. line 616.

595. *numinis* is here collective, as in iv. 451 sq., *illa sorores  
Nocte vocat genitas, grave et implacabile numen*, where the reference is to the three Furies.

596. *agrestem örēādā* is in apposition to *unam* in the preceding line.

597. *Est locus.* Siebelis remarks that Ovid often begins the description of a place with two unconnected sentences. He further remarks that historians as well as poets habitually begin such descriptions with *est* or *erat*. The poets often use Scythia as the type of a dreary and desolate region.

599. *Frigus, Pallor, Tremor, Fames* are here personified.

*iners.* Cold is called 'sluggish,' because it produces sluggishness, the name expressing its effect being transferred to itself. Cf. Am. 2. 10. 19, *At mihi saevus amor somnos  
abrumpat inertes.* So in line 305, *fervens ira*, 'heated anger,' i.e. anger that heats one; ii. 200, *gelida formidine*, 'chill fear,' i.e. fear that chills. In Lewis and Short, *iners* here is called causative, 'rendering idle or inactive.' But the meaning is rather to be explained in the other way.

600. *ea, sc. Fames.*

*iube se condat.* For *iube* with subjunctive unaccompanied by *ut*, cf. iv. 111, *In loca plena metus qui iussi nocte venires.*

601. In passing from a command or exhortation to a prohibition *nec* is much more common than *neve* in the Metamorphoses.

602. *superetque*, etc., 'and let it (hunger) overcome my strength (i.e. all the food I, Ceres, can grow) in the contest.'

603. *Neve = et ne*, the negative belonging only to the clause with *terreat*, while the conjunction goes with the main clause *accipe currus.*

*accipe currus, Accipe ... dracones.* Cf. v. 642 sq., *Hac  
Arethusa tenuis. Geminos dea fertilis angues Curribus admovit  
frenisque coercuit ora.*

605. *subvecta*, 'soaring.'

606. *cacumine*, 'mountain top,' in line 565 'tree top.'

607. **Caucason**, Greek form for *Caucasum* on account of metre.  
*serpentum colla levavit*, 'alighted from her dragon car,' literally, relieved the necks of the dragons, i.e. unharnessed them.

609. *et* connects *dentibus* with *unguibus*. For the separation of *et* and its word, cf. line 534, *et res et moverat auctor.*  
*raras*, 'sparse.'

611. *incana*, 'quite gray,' 'whitened over with mould.'  
*scabrae rubigine*, 'rough with ulcers.' See my note on *Calpurnius Siculus*, 5. 76.

612. *spectari*. The meaning is not that the skin was transparent, but that owing to the absence of flesh, it lay so close that the form of the emaciated frame could be seen through it.

614. *Ventrис erat pro ventre locus*. Cf. xiii. 564, *Non lumen—neque enim superest—loca luminis haurit.*  
*genuumque tumebat Orbis*. Through extreme emaciation the knees look like bulging knobs.

615. *prodibant tubere tali*, 'her ankle-bones formed a protruding excrescence.'

616. *vudit*. The subject is of course the mountain nymph, line 596.

619. *Visa, sc. sibi est*, 'she fancied.' Cf. vii. 645, *vocesque hominum exaudire videbar.*

620. *Haemoniam*. The old name of Thessaly, often used by the poets, derived from *Haemon* the son of *Pelasgus* and father of *Thessalus*.

621. *quamvis* with indicative seldom occurs in classical prose.  
*contraria*, sc. 'although she (Fames) is always opposed to her (Ceres) work.'

624. *solutum*, 'relaxed.' Cf. vii. 185 sq., *homines volucresque ferasque Solverat alta quies.*

626. *Seque viro inspirat*. Cf. line 600 sq., *se in praecordia condat Sacralegi.*

630. *pennis*. *Tired Nature's sweet restorer, balmy sleep* (Young), was represented as winged, though apparently not until after Homeric times. Prop. 1. 3. 45, *Dum me iucundis lapsam sopor impulit alis.*

631. *sub imagine somni*, i.e. in his dreams. Cf. ix. 474, *tacitae quid vult sibi noctis imago?*

632. *vana* is to be taken predicatively with *movet*, and is equivalent to an adverb, *frustra*, 'moves his lips in vain.' Cf. iii. 562, *Ite citi*, 'go quickly.'

633. *Exercet*, 'plies.'

*cibo inani*, 'insubstantial,' 'unreal food,' food that is only the creation of his dreams.

634. *tenues auras*, 'thin air.'

635. *expulsa*, 'driven from him.'

637. *Nec mora*, equivalent to an adverb, 'forthwith,' *aūrka*. *educat* = *alit*.

639. *esse satis poterat*, 'might have been enough.'

641. For *plus* without *hoc* or *eo* though *quo* follows, cf. line 646. iv. 64, *Quoque magis tegitur tectus magis aestuat ignis*. Siebelis says that *eo* is never and *hoc* seldom employed corresponding to *quo* with a comparative in the Metamorphoses.

642. Cf. iv. 440 sq., *utque fretum de tota flumina terra, Sic omnes animas locus accipit ille*.

643. *Nec satiatur*, 'and yet is not filled.' Cf. i. 132 sq. *Vela dabant ventis, nec adhuc bene noverat illos Navita.*

*peregrinos*, 'from afar.'

646. Understand *eo* before *plura*. Cf. line 641.

*turbaque voracior ipsa est*, 'and (the fire) is more greedy by their (the logs) very number.'

649. *cibi* is here equivalent to 'eating.' Cf. Pont. 1. 10. 8, *invisi cum venit hora cibi*. Compare the words of Hamlet (used, it is true, in a different connexion), *As if increase of appetite had grown by what it fed on.*

*locus fit inanis*, sc. *in illo*, understood from last line.

651. *inattenuata*, 'unappeased.'

652. *Tum quoque*, 'even then,' sc. even after he had consumed his property.

653. *censu*, 'his fortune.' Cf. iii. 588, *Ars illi sua census erat.*

654. *Filia*. Her name was *Mestra*, or *Hypermestra*. She was beloved by Neptune.

*non illo digna parente*, i.e. who deserved better than to have such a father.

658. *quamvis*, etc., 'although she had just been seen by her master, who was walking after her.' Although her purchaser had a moment before seen her walking before him in her natural shape, Neptune changes her form, gives her the appearance of a man and equips her as a fisher, so that her master actually takes her in her transformed shape to be a true fisherman and questions her as to her own disappearance. *Que* after *formam*, of course, does not connect the

clause with what goes before, but corresponds to *que* after *vultum*, 'both' gives her a new shape 'and' clothes her in the appearance of a man.

For *cultus* used of 'equipment,' 'get up,' 'costume,' cf. line 162.

662. *Aera*, 'fish-hooks.'

*cibo*, 'bait.'

*moderator harundinis*, 'wielder of the fishing-rod.'

663. *sic* often introduces a prayer for another person's good, made conditional on his granting a favour. Cf. xiv. 763, *Sic tibi nec vernum nascentia frigus adurat Poma.*

*compositum*, 'calm.'

664. For *credulus* applied to fish, cf. xiii. 934, *sua credulitas in aduncos egerat hamos.*

*et nulos*, etc., 'and feel no hook unless he is caught.'

667. *neque enim*, etc., 'for beyond this there is no trace of her footsteps.'

668. *Illa*, i.e. *Mestra*, now in the form of a fisherman.

*bene cedere*, 'turn out well.'

*et a se*, etc., 'and glad to be inquired for of herself.' Cf. ii. 704, *me mihi, perfide, prodis?*

669. *resecuta*, 'answered.' A word found in no classical writer but Ovid. Cf. xiii. 749.

671. *studio*, 'occupation,' 'pursuit.' Cf. iii. 588, *studii successor et heres.*

*operatus*, 'engaged in,' 'busied in.' Cf. vii. 746, *studiis operata Diana.*

672. *Quoque minus.* Cf. line 412.

*sic*, etc. This asseveration is all the more sarcastic as the supposed fisherman had just above said, that engrossed in his pursuit he had not looked round him.

*has artes*, 'this craft of mine,' i.e. my trade as a fisherman, perhaps also with a play on the possible meaning, 'this trick of mine.' The translation given preserves the ambiguity of the original.

675. *verso pede pressit harenam*, i.e. he turned his steps and walked away along the strand.

676. *abit*. The original long quantity of the last syllable is retained, as in iv. 712. Cf. i. 114, *subiit*; ix. 611, *adiit*; iii. 546, *interiit*; xiv. 519, *rediit*; ii. 567, *petiit*.

677. *suam*, sc. *filiam*.

transformia, 'able to pass into different shapes.' This adjective is applied to Proteus in Fast. I. 373, *Ille sua faciem transformis adulterat arte.*

678. dominis tradit, i.e. sells her as a slave to successive masters, as by changing her form she escapes from each purchaser in turn.

Trīōpēidā. Triopeis, properly daughter of Triopas, is here used of Mestra, who was his grand-daughter.

680. non iusta, because the buyers were defrauded.

682. Materiam, sc. *edendi.*

dederatque, etc., 'and had only furnished fresh food to his dreadful disease.'

683. lacer, here only found with active sense, 'lacerating,' 'rending'; elsewhere 'lacerated.'

684. minuendo alebat, 'nourished by diminishing,' an oxymoron.

685-690. The river god Achelous mentions his own power of assuming various shapes, and this leads to an account of his fight with Hercules for the hand of Deianira, which is the first tale narrated in the 9th Book.

685. Quid moror externis, 'why do I dwell on examples of others.'

externis, sc. Proteus and Mestra.

686. O iuvenes, i.e. Theseus, Lelex, and their companions.

numero finita. He could only transform himself into two shapes besides his present one, as appears from the next lines, viz. into a serpent and into a bull. The first shape was symbolical of the windings of a river, the second of its raging waters. See Soph. Trach, 9 sq., where Deianira says: *μνηστήρ γάρ ήν μοι ποταμός, Ἀχελώον λέγω, ὃς μ' ἐν τρισὶν μορφαῖσιν ἔξιται πατρός, φοιτῶν ἐναργῆς ταῦρος, ἀλλοτ' αἰόλος δράκων ἐλικτός, ἀλλοτ' ἀνδρείω κύτει βούπρωρος.*

687. videor, 'I am seen.' Cf. line 544.

688. Armenti dux, i.e. taurus. Cf. v. 327, *Duxque gregis, dixit, fit Iuppiter.*

vires in cornua sumo, 'I acquire strength in my horns.'

689. Cornua. The mention of his horns reminds the Achelous that he has lost one of them in his fight with Hercules, and so he regretfully repeats the word, adding *dum potui*, etc.

690. Gemitus, etc., i.e. 'and as he spoke he sighed.'

## VARIOUS READINGS.

The present edition of the Eighth Book of the Metamorphoses omits the episode of Scylla and Nisus, and a few other passages, so that the numbering of the lines does not correspond with that of the ordinary editions. The following table shows the differences :

Present Edition.	Lines	correspond to	Complete Book.	Lines
	1-126			159-284
	127-209	,		287-369
	210-314	,		371-475
	315-333	,		481-499
	334-422	,		501-589
	423-614	,		611-808
	615-656	,		811-849
	657-690	,		853-884

2. For *lumina* Loers reads *limina*.
4. Haupt and Zingerle read *liquidis Phrygius Maeandrus in undis*.
7. Loers and Gierig read *in* for *ad*.
16. Loers and Gierig read *Dian*.
26. For *tactus* Loers reads *tractus*.
32. Merkel brackets this line.
37. Gierig reads *imitentur*, taking *pennae* as the subject.
66. For *tractus* Loers reads *tactus*.
79. For *ramosa ilice* Merkel, Zingerle, and Siebelis read *limoso elice*, i.e. from a muddy drain.
104. For *mitis* Merkel conjectures *mactus*, 'glorified,' 'worshipped.'
108. For *adorant* Loers, Haupt, Zingerle read *honorant*.
125. For *et* Loers, Haupt, Zingerle read *sed*.

126. For *ardua* Loers, Haupt, Zingerle, Siebelis read *horrida*.

126. After this line follow in the MSS. two lines, *et setae similes rigidis hastilibus horrent stantque velut vallum, velut alta hastilia setae.* They are rejected by Haupt as a gloss on line 126.

136. Loers, Haupt, Zingerle read *canisve*.

143. Loers reads *prolesque*.

145, 146. Loers transposes these lines.

153. Loers reads *etiam nunc*.

163. Haupt, Zingerle, Gierig read *possis*.

167. Loers and Gierig read *sinunt*.

174. Gierig reads *qua* for *quo*.

199. Loers, Haupt, Zingerle read *certo*, Merkel, Gierig *vasto*.

209. After this line Loers, Haupt, Zingerle read *imminet exitio, fidensque recentibus armis*.

210. Loers, Gierig read *Actoridae*, see line 148, Eichert reads *Ornytidae*.

221. Loers reads *distrinxit*, Siebelis *destrinxit*.

237. For *primos* Merkel reads *pronos*.

239. For *ad* Gierig reads *in*.

248. For *quo* Merkel reads *cui*.

249. For *aesculea* Merkel reads *obstipa*, Siebelis *abscisa*.

261. For *ferum* Loers reads *feram*.

263. For *cruentat* Loers reads *cruentant*.

274. For *ne sit*, etc., Heinsius reads *longeque tuo sit captus amore*.

282. Loers reads *priori*.

287. For *auratis* and *atras* Loers reads *auratas* and *atris*.

299. Gierig reads *taedasque in fragmina*.

313. For *Inque* Merkel reads *Perque*.

360. For *vulgusque* Loers reads *et vulgus*.

368. For *dicta* Haupt and Zingerle read *vota*. Merkel reads *voce*, in which case *tristia sororum* must be taken like *tot mea seria* in Trist. 1. 8. 31.

375. For *Latonia* Heinsius reads *Letoia*.

409. For *gerit* Loers reads *gerat*.

421. For *resolvit* Loers reads *revellit*.

449. For *parvos* Merkel conjectures *placitos*.

478. For *argento* Heinsius needlessly, and with very slender ms. authority, reads *argilla*.

523. For various readings see explanatory notes.

528. For various readings see explanatory notes.

533. For *pii dis* Loers reads *deum pii*, Haupt and Zingerle *deum di*. For *coluntur* Haupt and Zingerle read *colantur*.

536. For *innixus* Loers reads *nixus*.

558. For *tanto* Loers reads *tantum*.

559. For *silva quanto* Loers reads *omnis quantum*, and for *omni* he reads *illa*.

579. For *redditus* Loers reads *editus*.

609. For *raras* Loers reads *raris*.

611. For *scabrae fauces* Loers and Gierig read *scabri dentes*.

625. For *ulnis* Loers and Gierig read *alis*.

629. For *adsueta revertitur* Loers reads *assuetaque vertitur*.

645. For *trabes* Loers reads *faces*.

650. For *altaque* Loers reads *altique*.

660. For *pisces* Loers reads *piscem*.

682. For *dederatque* Siebelis and Zingerle read *derant*, i.e. *deerant*.

## INDEX.

*The Numerals refer to the Notes.*

Ab, 218, 348, 423.	Cessare, 120.
Abiit, 676.	Cibus, 649.
Abstract for concrete, 143,	Cibyreius, 528.
493, 520.	Citra, 205.
Actaeus, 12.	Cocalus, 103.
Acumen, 194.	Comparatio compendiaria, 37.
Addere animos, 227.	Concessive subjunctive, 28.
Adversus, 242.	Consors, 283.
Aegides, 16.	Cornu, 200.
Aesonides, 250.	Cornum, 247.
Agricola, 118.	Corona, 20.
Ait, 383.	Cultus, 162, 658.
Aphareia (proles), 144.	Custos, 161.
Argolicus, 109.	
At, 121.	Daedalus, 1, 26.
Auctor, 189, 257, 269, 534.	Delos, 63.
Black the colour of mourning,	Dia, 16.
587.	Diana, 193.
Bootes, 48.	Domare, 13.
Cacumen, 99, 525, 565, 606.	Dryades, 555.
Calydon, 112.	
Calydonius amnis, 536.	Epiros, 125.
Capere, 110, 392.	Error, 2, 8.
Carpere viam, 50.	Erudire, 57.
Cecropides, 384.	Et, 121, 122, 534, 609.
Cera, plural and singular dis-	Eveninae, 361.
tinguished, 35.	Excidere, 288.
Ceres, 132.	
	Fallere, 411.
	Ferre, 276.

Fistula, 34.  
 Fleturus, 131.  
 Fractions, 398.  
 Geminus, 11.  
 Gemma, 406.  
 Geography, mistake in, 382.  
 Gerundive, 54.  
 Haemonia, 620.  
 Harundo, 59, 177.  
 Haurire, 210, 278, 372.  
 Helice, 49.  
 Hiatus, 150, 155, 334.  
 Honor, 118, 226, 549.  
 Hyanteus, 150.  
 Hyperion, 398.  
 Iam non, 145.  
 Ignotus, 30, 51.  
 Impete, 199.  
 Inanis, 633.  
 Indefinite use of 2nd person singular, 33.  
 Iners, 599.  
 In partem venire, 266.  
 Inpune ferre, 121, 328.  
 Inquit, unusual position of, 123.  
 Intercipere, 132, 272.  
 Inverted order of words, 5, 370.  
 In vices, 313.  
 It, 189.  
 Iube with subjunctive, 600.  
 Labyrinth, 2.  
 Lacer, 683.  
 Latois, 120.  
 Latrans, 184, 251.  
 Liber, 19.  
 Licet, 27.  
 Limes, 45, 392.  
 Liquerunt nervi, 204.  
 Ludere, 5.  
 Lyaeus, 116.  
 Lycaeus, 157.  
 Maeandros, 4.  
 Male, 342.  
 Mater, 302, 325.  
 Medius with genitive, 23.  
 Mei iuris, 25.  
 Minois, 16.  
 Modo ... nunc, 130.  
 Mollibat, 41.  
 Movere, 424, 534.  
 Nam, 31.  
 Namque, 83.  
 Narycius, 152.  
 Natales, 84.  
 Nec, 272, 395, 446, 481, 601.  
 Nec iam, 73.  
 Nec mora, 255, 637.  
 Nec non, 558.  
 Neque enim, 594.  
 Neve, 603.  
 Nonacria, 265.  
 Non secus ac, 4.  
 Novenus, 13.  
 Nullus, 492.  
 Numen, 595.  
 Obliquus, 184, 385, 566.  
 Occupare, 238.  
 Oeneus, proper name and adjective distinguished, 115, 123.  
 Oenides, 253.  
 Opus, 2.  
 Orion, 49.  
 Pagaseus, 189.  
 Palladios latices, 117.  
 Pallorem ducere, 569.  
 Pares, 148.  
 Pariter, 164, 568.  
 Paros, 63.  
 Pati, 331, 335.  
 Periculum, 38.  
 Plangi, 361.  
 Plural used for singular, 78, 551.

Ponere, 2.	Tabella, 553.
Post cinerem, 372.	Tegeaea, 157.
Potens voti, 248, 554.	Tempora, 206.
Prospicere, 170.	Tenere, 302.
Pylius, 205.	Tenuis, 21, 392, 634.
Quamvis, 621.	Terrae, 411.
Que, 45, 61, 122, 393, 424, 428, 498, 557, 561, 576.	Theseus, proper name and adjective distinguished, 105, 110.
Quondam, 33.	Thestiadae, 144.
Rapidus, 67.	Timere, 542.
Saetiger, 215.	Titulus, 272.
Samos, 63.	Trahere, 332.
Scissae capillos, 360.	Transformis, 677.
Secundus, 259.	Transire, 539.
Senior, 524.	Triopeis, 678.
Si in prayers, 190.	Triplex, 291.
Sic in prayers, 663, 672.	Tritonis, 381.
Simul, 288.	Troezenius, 400.
Soror, 302.	Tumidus, 235, 329.
Sors, 13.	Tyndaridae, 141.
Spatiosus, 363.	Ulna, 557.
Sublimia, 101.	Unicus, 81, 493.
Sui, 507.	Ut, 14, 424.
Sunt qui with indicative, 537.	Ve ... ve, 136.
Supinus, 490.	Vester, 516.
Suus, 116, 305, 392.	Videri, 544, 687.
	Vulgasquē, 360,
	Vulnificus, 199.

December 1895

# A Catalogue OF Educational Books PUBLISHED BY Macmillan & Co.

BEDFORD STREET, STRAND, LONDON

*For books of a less educational character on the subjects named below, see Macmillan and Co.'s Classified Catalogue of Books in General Literature.*

Copies of books marked \* may be seen in the Libraries of the Teachers' Guild.

## CONTENTS

	PAGE		PAGE
<b>GREEK AND LATIN</b>			
<b>CLASSICS—</b>			
ELEMENTARY CLASSICS . . . . .	2	NATURAL SCIENCES—	
CLASSICAL SERIES . . . . .	4	CHEMISTRY . . . . .	33
CLASSICAL TEXTS . . . . .	6	PHYSICAL GEOGRAPHY, GEOLOGY, AND MINERALOGY . . . . .	35
CLASSICAL LIBRARY; Texts, Commentaries, Translations . . . . .	6	BIOLOGY—	
GRAMMAR, COMPOSITION, AND PHILOLOGY . . . . .	9	Botany . . . . .	36
ANTIQUITIES, ANCIENT HISTORY, AND PHILOSOPHY . . . . .	12	Zoology . . . . .	37
<b>MODERN LANGUAGES AND</b>		General Biology . . . . .	38
<b>LITERATURE—</b>		Physiology . . . . .	38
ENGLISH . . . . .	14	MEDICINE . . . . .	39
FRENCH . . . . .	19		
GERMAN . . . . .	20		
MODERN GREEK . . . . .	21		
ITALIAN . . . . .	22		
SPANISH . . . . .	22		
<b>MATHEMATICS—</b>			
ARITHMETIC . . . . .	22		
BOOK-KEEPING . . . . .	23		
ALGEBRA . . . . .	24		
EUCLID AND PURE GEOMETRY . . . . .	24		
GEOMETRICAL DRAWING . . . . .	26		
MENSURATION . . . . .	26		
TRIGONOMETRY . . . . .	26		
ANALYTICAL GEOMETRY . . . . .	27		
PROBLEMS AND QUESTIONS IN MATHEMATICS . . . . .	27		
HIGHER PURE MATHEMATICS . . . . .	28		
MECHANICS . . . . .	29		
PHYSICS . . . . .	30		
ASTRONOMY . . . . .	33		
HISTORICAL . . . . .	33		
PERIODICAL . . . . .	33		

# GREEK AND LATIN CLASSICS.

Elementary Classics ; Classical Series ; Classical Library, (1) Texts, (2) Translations ; Grammar, Composition, and Philology ; Antiquities, Ancient History, and Philosophy.

## \*ELEMENTARY CLASSICS.

Pott 8vo, Eighteenpence each.

The following contain Introductions, Notes, and Vocabularies, and in some cases Exercises :—

**ACCIDENCE, LATIN, AND EXERCISES ARRANGED FOR BEGINNERS.**—By W. WELCH, M.A., and C. G. DUFFIELD, M.A.

**AESCHYLUS.**—*PROMETHEUS VINCTUS.* By Rev. H. M. STEPHENSON, M.A. **ARRIAN.**—*SELECTIONS.* With Exercises. By Rev. JOHN BOND, M.A., and Rev. A. S. WALPOLE, M.A.

**AULUS GELLIUS, STORIES FROM.**—Adapted for Beginners. With Exercises. By Rev. G. H. NALL, M.A., Assistant Master at Westminster.

**CÆSAR.**—*THE HELVETIAN WAR.* Selections from Book I., adapted for Beginners. With Exercises. By W. WELCH, M.A., and C. G. DUFFIELD, M.A.

**THE INVASION OF BRITAIN.** Selections from Books IV. and V., adapted for Beginners. With Exercises. By the same.

**SCENES FROM BOOKS V. AND VI.** By C. COLBECK, M.A.

**TALES OF THE CIVIL WAR.** By C. H. KEENE, M.A.

**THE GALLIC WAR. BOOK I.** By Rev. A. S. WALPOLE, M.A.

**BOOKS II. AND III.** By the Rev. W. G. RUTHERFORD, M.A., LL.D.

**BOOK IV.** By CLEMENT BRYANS, M.A.

**BOOK V.** By C. COLBECK, M.A., Assistant Master at Harrow.

**BOOK VI.** By C. COLBECK, M.A.

**BOOK VII.** By Rev. J. BOND, M.A., and Rev. A. S. WALPOLE, M.A.

**THE CIVIL WAR. BOOK I.** By M. MONTGOMREY, M.A.

**CICERO.**—*DE SENECTUTE.* By E. S. SHUCKBURGH, M.A.

**DE AMICITIA.** By the same.

**STORIES OF ROMAN HISTORY.** Adapted for Beginners. With Exercises.

By Rev. G. E. JEANS, M.A., and A. V. JONES, M.A.

**SELECT SPEECHES.** By H. WILKINSON, M.A. *[In preparation.*

**CURTIO (Quintus).**—*SELECTIONS.* Adapted for Beginners. With Notes, Vocabulary, and Exercises. By F. COVERLEY SMITH.

**EURIPIDES.**—*ALCESTIS.* By Rev. M. A. BAYFIELD, M.A.

**MEDEA.** By Rev. M. A. BAYFIELD, M.A.

**HECUBA.** By Rev. J. BOND, M.A., and Rev. A. S. WALPOLE, M.A.

**EUTROPIUS.**—Adapted for Beginners. With Exercises. By W. WELCH, M.A., and C. G. DUFFIELD, M.A.

**BOOKS I. AND II.** By the same.

**EXERCISES IN UNSEEN TRANSLATION IN LATIN.** By W. WELCH, M.A., and Rev. C. G. DUFFIELD, M.A.

**HERODOTUS, TALES FROM.** Atticised. By G. S. FARRELL, M.A.

**HOMER.**—*ILIAD. BOOK I.* By Rev. J. BOND, M.A., and Rev. A. S. WALPOLE, M.A.

**BOOK VI.** By WALTER LEAF, Litt.D., and Rev. M. A. BAYFIELD.

**BOOK XVIII.** By S. R. JAMES, M.A., Assistant Master at Eton.

**BOOK XXIV.** By W. LEAF, Litt.D., and Rev. M. A. BAYFIELD, M.A.

**ODYSSEY. BOOK I.** By Rev. J. BOND, M.A., and Rev. A. S. WALPOLE, M.A.

**HORACE.—ODES.** BOOKS I. II. III. AND IV. separately. By T. E. PAGE,

M.A., Assistant Master at the Charterhouse. Each 1s. 6d.

**LIVY.—BOOK I.** By H. M. STEPHENSON, M.A.

**BOOK V.** By M. ALFORD.

**BOOK XXI.** Adapted from Mr. Capes's Edition. By J. E. MELHUISH, M.A.

**BOOK XXII.** Adapted from Mr. CAPES's Edition. By J. E. MELHUISH, M.A.

**SELECTIONS FROM BOOKS V. AND VI.** By W. CECIL LAMING, M.A.

THE HANNIBALIAN WAR. BOOKS XXI. and XXII. adapted by G. C. MACAULAY, M.A.

THE SIEGE OF SYRACUSE. Adapted for Beginners. With Exercises. By G. RICHARDS, M.A., and Rev. A. S. WALPOLE, M.A.

LEGENDS OF ANCIENT ROME. Adapted for Beginners. With Exercises. By H. WILKINSON, M.A.

THE HANNIBALIAN WAR. BOOKS XXIII. and XXIV. adapted by E. P. COLERIDGE, M.A. [In the Press.]

LUCIAN.—EXTRACTS FROM LUCIAN. With Exercises. By Rev. J. BOND, M.A., and Rev. A. S. WALPOLE, M.A.

NEPOS.—SELECTIONS ILLUSTRATIVE OF GREEK AND ROMAN HISTORY. With Exercises. By G. S. FARRELL, M.A.

OVID.—SELECTIONS. By E. S. SHUCKBURGH, M.A.

EASY SELECTIONS FROM OVID IN ELEGIAC VERSE. With Exercises. By H. WILKINSON, M.A.

METAMORPHOSES. BOOK I. By CHARLES SIMMONS, M.A. [In preparation.]

STORIES FROM THE METAMORPHOSES. With Exercises. By Rev. J. BOND, M.A., and Rev. A. S. WALPOLE, M.A.

TRISTIA.—BOOK I. By E. S. SHUCKBURGH, M.A.

BOOK III. By E. S. SHUCKBURGH, M.A.

PHÆDRUS.—FABLES. By Rev. G. H. NALL, M.A.

SELECT FABLES. Adapted for Beginners. By Rev. A. S. WALPOLE, M.A.

PLINY.—SELECTIONS ILLUSTRATIVE OF ROMAN LIFE. By C. H. KEENE, M.A.

SALLUST.—JUGURTHINE WAR. Adapted by E. P. COLERIDGE, M.A.

SUETONIUS.—STORIES OF THE CAESARS. By H. WILKINSON, M.A. [In preparation.]

THUCYDIDES.—THE RISE OF THE ATHENIAN EMPIRE. BOOK I. CHS. 89-117 and 228-238. With Exercises. By F. H. COLSON, M.A.

THE FALL OF PLATÆA, AND THE PLAGUE AT ATHENS. From BOOKS II. and III. By W. T. SUTHERY, M.A., and A. S. GRAVES, B.A.

VIRGIL.—SELECTIONS. By E. S. SHUCKBURGH, M.A.

BUCOLICS. By T. E. PAGE, M.A.

GEORGICS. BOOK I. By T. E. PAGE, M.A.

BOOK II. By Rev. J. H. SKRINE, M.A.

BOOK III. By T. E. PAGE, M.A.

BOOK IV. By T. E. PAGE, M.A.

ÆNEID. BOOK I. By Rev. A. S. WALPOLE, M.A. [In preparation.]

BOOK I. By T. E. PAGE, M.A. [In preparation.]

BOOK II. By T. E. PAGE, M.A.

BOOK III. By T. E. PAGE, M.A.

BOOK IV. By Rev. H. M. STEPHENSON, M.A.

BOOK V. By Rev. A. CALVERT, M.A.

BOOK VI. By T. E. PAGE, M.A.

BOOK VII. By Rev. A. CALVERT, M.A.

BOOK VIII. By Rev. A. CALVERT, M.A.

BOOK IX. By Rev. H. M. STEPHENSON, M.A.

BOOK X. By S. G. OWEN, M.A.

ZENOPHON.—ANABASIS. Selections, adapted for Beginners. With Exercises. By W. WELCH, M.A., and C. G. DUFFIELD, M.A.

BOOK I. With Exercises. By E. A. WELLS, M.A.

BOOK I. By Rev. A. S. WALPOLE, M.A.

BOOK II. By Rev. A. S. WALPOLE, M.A.

BOOK III. By Rev. G. H. NALL, M.A.

BOOK IV. By Rev. E. D. STONE, M.A.

BOOK V. By Rev. G. H. NALL, M.A.

BOOK VI. By Rev. G. H. NALL, M.A.

BOOK VII. By Rev. G. H. NALL, M.A.

SELECTIONS FROM BOOK IV. With Exercises. By Rev. E. D. STONE, M.A.

SELECTIONS FROM THE CYROPÆDIA. With Exercises. By A. H. COOKE, M.A.

TALES FROM THE CYROPÆDIA. With Exercises. By C. H. KEENE, M.A.

SELECTIONS ILLUSTRATIVE OF GREEK LIFE. By C. H. KEENE, M.A.

The following contain Introductions and Notes, but no Vocabulary:—

CICERO.—SELECT LETTERS. By Rev. G. E. JEANS, M.A.

HERODOTUS.—SELECTIONS FROM BOOKS VII. AND VIII. THE EXPEDITION OF XERXES. By A. H. COOKE, M.A.

HORACE.—SELECTIONS FROM THE SATIRES AND EPISTLES. By Rev. W. J. V. BAKER, M.A.

SELECT EPODES AND ARS POETICA. By H. A. DALTON, M.A.

PLATO.—EUTHYPHRO AND MENEXENUS. By C. E. GRAVES, M.A.

TERENCE.—SCENES FROM THE ANDRIA. By F. W. CORNISH, M.A., Vice-Provost of Eton.

THE GREEK ELEGiac POETS.—FROM CALLINUS TO CALLIMACHUS. Selected by Rev. HERBERT KYNASTON, D.D.

THUCYDIDES.—BOOK IV. CHS. 1-41. THE CAPTURE OF SPHACTERIA. By C. E. GRAVES, M.A.

## CLASSICAL SERIES FOR COLLEGES AND SCHOOLS.

Fcap. 8vo.

ÆSCHINES.—IN CTESIPHONTA. By Rev. T. GWATKIN, M.A., and E. S. SHUCKBURGH, M.A. 5s.

ÆSCHYLUS.—PERSÆ. By A. O. PRICKARD, M.A., Fellow and Tutor of New College, Oxford. With Map. 2s. 6d.

SEVEN AGAINST THEBES. SCHOOL EDITION. By A. W. VERRALL, Litt.D., and M. A. BAYFIELD, M.A. 2s. 6d.

ANDOCIDES.—DE MYSTERICIS. By W. J. HICKIE, M.A. 2s. 6d.

ARISTOPHANES.—VESPAE. By W. J. STARKIE. [In preparation.]

ATTIC ORATORS.—Selections from ANTIPHON, ANDOCIDES, LYSIAS, ISO-CRATES, and ISAEUS. By R. C. JEBB, Litt.D., Regius Professor of Greek in the University of Cambridge. 5s.

\*CÆSAR.—THE GALLIC WAR. By Rev. JOHN BOND, M.A., and Rev. A. S. WALPOLE, M.A. With Maps. 4s. 6d.

CATULLUS.—SELECT POEMS. By F. P. SIMPSON, B.A. 3s. 6d. The Text of this Edition is carefully expurgated for School use.

\*CICERO.—THE CATILINE ORATIONS. By A. S. WILKINS, Litt.D., Professor of Latin, Owens College, Manchester. 2s. 6d.

PRO LEGE MANILIA. By Prof. A. S. WILKINS, Litt.D. 2s. 6d.

THE SECOND PHILIPPIC ORATION. By JOHN E. B. MAYOR, M.A., Professor of Latin in the University of Cambridge. 3s. 6d.

PRO ROSCIO AMERINO. By E. H. DONKIN, M.A. 2s. 6d.

PRO P. SESTIO. By Rev. H. A. HOLDEN, Litt.D. 3s. 6d.

PRO MILONE. By F. H. COLSON, M.A. 2s. 6d.

PRO MURENA. By J. H. FREESE, M.A. 2s. 6d.

SELECT LETTERS. By R. Y. TYRRELL, M.A. 4s. 6d.

DEMOSTHENES.—DE CORONA. By B. DRAKE, M.A. 7th Edition, revised by E. S. SHUCKBURGH, M.A. 3s. 6d.

ADVERSUS LEPTINEM. By Rev. J. R. KING, M.A., Fellow and Tutor of Oriel College, Oxford. 2s. 6d.

THE FIRST PHILIPPIC. By Rev. T. GWATKIN, M.A. 2s. 6d.

PHILIPPICS and OLYNTHIACS. By J. E. SANDYS, Litt.D. [In preparation.]

EURIPIDES.—HIPPOLYTUS. By Rev. J. P. MAHAFFY, D.D., and J. B. BURY, M.A., Fellows of Trinity College, Dublin. 2s. 6d.

MEDEA. By A. W. VERRALL, Litt.D. 2s. 6d.

ANDROMACHE. By A. R. F. HYSLOP, M.A. [In the Press.]

IPHIGENIA IN TAURIS. By E. B. ENGLAND, Litt.D. 3s.

ION. By M. A. BAYFIELD, M.A., Headmaster of Christ College, Brecon. 2s. 6d.

BACCHAE. By R. Y. TYRRELL, M.A., Regius Professor of Greek in the University of Dublin. 3s. 6d.

ALCESTIS. By M. L. EARLE, Ph.D. 3s. 6d.

HERODOTUS.—BOOK III. By G. C. MACAULAY, M.A. 2s. 6d.  
 BOOK VI. By J. STRACHAN, M.A., Professor of Greek, Owens College, Manchester. 3s. 6d.  
 BOOK VII. By Mrs. MONTAGU BUTLER. 3s. 6d.

HOMER.—ILIAD. In 2 vols. Edited by W. LEAF, Litt.D., and Rev. M. A. BAYFIELD, M.A. Vol. I. 6s. [Vol. II. in preparation.]  
 ILIAD. BOOKS I., IX., XI., XVI.—XXIV. THE STORY OF ACHILLES. By the late J. H. PRATT, M.A., and WALTER LEAF, Litt.D., Fellows of Trinity College, Cambridge. 5s. BOOK IX. separately. 2s.

ODYSSEY. BOOKS I.—IV. By C. M. Mulvany, M.A., Fellow of Magdalen College, Oxford. [In preparation.]  
 ODYSSEY. BOOK IX. By Prof. JOHN E. B. MAYOR. 2s. 6d.  
 ODYSSEY. BOOKS XXI.—XXIV. THE TRIUMPH OF ODYSSEUS. By S. G. HAMILTON, M.A., Fellow of Hertford College, Oxford. 2s. 6d.

HORACE.—\*THE ODES AND EPODES. By T. E. PAGE, M.A., Assistant Master at the Charterhouse. 5s. (BOOKS I. II. III. IV. and EPODES separately, 2s. each.)

THE SATIRES. By ARTHUR PALMER, M.A., Professor of Latin in the University of Dublin. 5s.

THE EPISTLES AND ARS POETICA. By Prof. A. S. WILKINS, Litt.D. 5s.

JUVENAL.—\*THIRTEEN SATIRES. By E. G. HARDY, M.A. 5s. The Text is carefully expurgated for School use.

SELECT SATIRES. By Prof. JOHN E. B. MAYOR. XII.—XVI. 4s. 6d.

LIVY.—\*BOOKS II. and III. By Rev. H. M. STEPHENSON, M.A. 3s. 6d.

\*BOOKS XXI. and XXII. By Rev. W. W. CAPES, M.A. With Maps. 4s. 6d.

\*BOOKS XXIII. and XXIV. By G. C. MACAULAY, M.A. With Maps. 3s. 6d.

\*THE LAST TWO KINGS OF MACEDON. EXTRACTS FROM THE FOURTH AND FIFTH DECADES OF LIVY. By F. H. RAWLINS, M.A., Assistant Master at Eton. With Maps. 2s. 6d.

LUCRETIUS.—BOOKS I.—III. By J. H. WARBURTON LEE, M.A., late Assistant Master at Rossall. 3s. 6d.

LYSIAS.—SELECT ORATIONS. By E. S. SHUCKBURGH, M.A. 5s.

MARTIAL.—SELECT EPIGRAMS. By Rev. H. M. STEPHENSON, M.A. 5s.

\*OVID.—FASTI. By G. H. HALLAM, M.A., Assistant Master at Harrow. 3s. 6d.

\*HEROIDUM EPISTULÆ XIII. By E. S. SHUCKBURGH, M.A. 3s. 6d.

METAMORPHOSES. BOOKS I.—III. By C. SIMMONS, M.A. [In preparation.]

BOOKS XIII. and XIV. By the same. 3s. 6d.

PLATO.—LACHES. By M. T. TATHAM, M.A. 2s. 6d.

THE REPUBLIC. BOOKS I.—V. By T. H. WARREN, M.A., President of Magdalen College, Oxford. 5s.

CRITO and PHAEDO. (Chs. 57 to end.) Edited by Prof. C. H. KEENE, M.A. 2s. 6d.

MENO. Edited by E. S. THOMPSON, LITT.D. [In preparation.]

PLAUTUS.—MILES GLORIOSUS. By R. Y. TYRRELL, M.A., Regius Professor of Greek in the University of Dublin. 2nd Ed., revised. 3s. 6d.

AMPHITRUO. By Prof. ARTHUR PALMER, M.A. 3s. 6d.

CAPTIVI. By A. R. S. HALLIDIE, M.A. 3s. 6d.

PLINY.—LETTERS. BOOKS I. and II. By J. COWAN, M.A., Assistant Master at the Manchester Grammar School. 3s.

LETTERS. BOOK III. By Prof. JOHN E. B. MAYOR. With Life of Pliny by G. H. RENDALL, M.A. 3s. 6d.

PLUTARCH.—LIFE OF THEMISTOKLES. By Rev. H. A. HOLDEN, Litt.D. 3s. 6d.

LIVES OF GALBA AND OTHO. By E. G. HARDY, M.A. 5s.

LIFE OF PERICLES. By Rev. H. A. HOLDEN, Litt.D. 4s. 6d.

POLYBIUS.—THE HISTORY OF THE ACHEAN LEAGUE AS CONTAINED IN THE REMAINS OF POLYBIUS. By Rev. W. W. CAPES, M.A. 5s.

PROPERTIUS.—SELECT POEMS. By Prof. J. P. POSTGATE, Litt.D. 2nd Ed. 5s.

SALLUST.—\*CATILINA and JUGURTHA. By C. MERIVALE, D.D., Dean of Ely. 3s. 6d. Or separately, 2s. each.

\*BELLUM CATULINÆ. By A. M. COOK, M.A. 2s. 6d.

JUGURTHA. By the same. [In preparation.]

TACITUS.—THE ANNALS. BOOKS I. and II. By J. S. REID, Litt.D. [In prep.]

BOOK VI. By A. J. CHURCH, M.A., and W. J. BRODRIBB, M.A. 2s.

THE HISTORIES. BOOKS I. and II. By A. D. GODLEY, M.A. 3s. 6d.

BOOKS III.-V. By the same. 3s. 6d.  
 AGRICOLA and GERMANIA. By A. J. CHURCH, M.A., and W. J. BRODRIBB, M.A. 3s. 6d. Or separately, 2s. each.  
 AGRICOLA AND GERMANIA (separately). By F. J. HAVERFIELD, M.A., Student of Christ Church, Oxford. [In preparation.]  
**TERENCE**.—AUTON TIMORUMENOS. By E. S. SHUCKBURGH, M.A. 2s. 6d. With Translation. 3s. 6d.  
 PIIFORMIO. By Rev. JOHN BOND, M.A., and Rev. A. S. WALPOLE, M.A. 2s. 6d.  
 ADELPHOE. By Prof. S. G. ASHMORE. 3s. 6d.  
**THUCYDIDES**.—BOOK I. By CLEMENT BRYANS, M.A. [In preparation.]  
 BOOK II. By E. C. MARCHANT, M.A., Fellow of St. Peter's Coll., Cam. 3s. 6d.  
 BOOK III. By E. C. MARCHANT, M.A. [In preparation.]  
 BOOK IV. By C. E. GRAVES, M.A., Classical Lecturer at St. John's College, Cambridge. 3s. 6d.  
 BOOK V. By C. E. GRAVES, M.A. 3s. 6d.  
 BOOKS VI. AND VII. By Rev. PERCIVAL FROST, M.A. With Map. 3s. 6d.  
 BOOK VI. By E. C. MARCHANT, M.A. [In the Press.]  
 BOOK VII. By E. C. MARCHANT, M.A. 3s. 6d.  
 BOOK VIII. By Prof. T. G. TUCKER, Litt.D. 3s. 6d.  
**TIBULLUS**.—SELECT POEMS. By Prof. J. P. POSTGATE, Litt.D. [In preparation.]  
**VIRGIL**.—ÆNEID. BOOKS I.-VI. By T. E. PAGE, M.A. 6s.  
 BOOKS II. AND III. THE NARRATIVE OF ÆNEAS. By E. W. HOWSON, M.A., Assistant Master at Harrow. 2s.  
**XENOPHON**.—\*THE ANABASIS. BOOKS I.-IV. By Profs. W. W. GOODWIN and J. W. WHITE. Adapted to Goodwin's Greek Grammar. With Map. 3s. 6d.  
 BOOKS V.-VII. By Rev. G. H. NALL, M.A. [In preparation.]  
**HELLENICA**. BOOKS I. AND II. By H. HAILSTONE, B.A. With Map. 2s. 6d.  
**CYROPÆDIA**. BOOKS VII. AND VIII. By A. GOODWIN, M.A. 2s. 6d.  
 MEMORABILIA SOCRATIS. By A. R. CLUER, B.A. 5s.  
 HIERO. By Rev. H. A. HOLDEN, Litt.D. 2s. 6d.  
 OECONOMICUS. By the same. With Lexicon. 5s.

## THE PARNASSUS LIBRARY OF CLASSICAL TEXTS.

Fcap. 8vo.

ÆSCHYLUS. With Introduction by Prof. LEWIS CAMPBELL. [In preparation.]  
 CATULLUS.—With Introduction by Prof. A. PALMER. [In the Press.]  
 HORACE.—With Introduction by T. E. PAGE, M.A. 5s. net.  
 HOMER.—ILIAD.—With Introduction by W. LEAF, Litt.D. 6s. net.  
 SOPHOCLES.—With Introduction by Prof. R. Y. TYRRELL. [In preparation.]  
 VIRGIL.—With Introduction by T. E. PAGE, M.A. 6s. net.

## CLASSICAL LIBRARY.

Texts, Edited with Introductions and Notes, for the use of Advanced Students; Commentaries and Translations.

ÆSCHYLUS.—THE SUPPLICES. A Revised Text, with Translation. By T. G. TUCKER, Litt.D., Professor of Classical Philology in the University of Melbourne. 8vo. 10s. 6d.  
 THE SEVEN AGAINST THEBES. With Translation. By A. W. VERRALL, Litt.D., Fellow of Trinity College, Cambridge. 8vo. 7s. 6d.  
 AGAMEMNON. With Translation. By A. W. VERRALL, Litt.D. 8vo. 12s.  
 THE CHOEPHORI. With Translation. By A. W. VERRALL, Litt.D. 8vo. 12s.  
 AGAMEMNON, CHOEPHORI, AND EUMENIDES. By A. O. PRICKARD, M.A., Fellow and Tutor of New College, Oxford. 8vo. [In preparation.]  
 THE EUMENIDES. With Verse Translation. By B. DRAKE, M.A. 8vo. 5s.  
 ÆSCHYLUS. Translated into English Prose by Prof. T. G. TUCKER. Cr. 8vo. [In preparation.]  
 ANTONINUS, MARCUS AURELIUS.—BOOK IV. OF THE MEDITATIONS With Translation. By HASTINGS CROSSLEY, M.A. 8vo. 6s.

**MARCUS ANTONINUS TO HIMSELF.**—Translation by G. H. RENDALL, M.A. Crown 8vo. [In the Press.]

**ARISTOPHANES.**—THE BIRDS. Translated into English Verse. By B. H. KENNEDY, D.D. Cr. 8vo. 6s. Help Notes to the Same, for the Use of Students. 1s. 6d.

SCHOLIA ARISTOPHANICA; being such Comments adscript to the text of Aristophanes as are preserved in the Codex Ravennas, arranged, emended, and translated. By Rev. W. G. RUTHERFORD, M.A., LL.D. 8vo. [In the Press.]

**ARISTOTLE.**—THE METAPHYSICS. BOOK I. Translated by a Cambridge Graduate. 8vo. 5s.

THE POLITICS. By F. SUSEMILH and R. D. HICKS, M.A., Fellow of Trinity College, Cambridge. 8vo. 18s. net.

THE POLITICS. Translated by Rev. J. E. C. WELLDON, M.A., Headmaster of Harrow. Cr. 8vo. 10s. 6d.

THE RHETORIC. Translated by the same. Cr. 8vo. 7s. 6d.

AN INTRODUCTION TO ARISTOTLE'S RHETORIC. With Analysis, Notes, and Appendices. By E. M. COPE, Fellow and late Tutor of Trinity College, Cambridge. 8vo. 14s.

THE NICOMACHEAN ETHICS. Translated by Rev. J. E. C. WELLDON, M.A. Cr. 8vo. 7s. 6d.

THE SOPHISTICI ELENCHI. With Translation. By E. POSTE, M.A., Fellow of Oriel College, Oxford. 8vo. 8s. 6d.

ON THE CONSTITUTION OF ATHENS. By J. E. SANDYS, Litt.D. 8vo. 15s. ON THE CONSTITUTION OF ATHENS. Translated by E. POSTE, M.A. 2nd Ed. Cr. 8vo. 3s. 6d.

ON THE ART OF POETRY. A Lecture. By A. O. PRICKARD, M.A. Cr. 8vo. 3s. 6d.

THE POETICS. Translated by S. H. BUTCHER, Litt.D. 8vo. 10s. net. Text and Translation separately. 3s. net.

**ATTIC ORATORS.**—FROM ANTIPHON TO ISAEOS. By R. C. JEBB, Litt.D., Regius Professor of Greek in the University of Cambridge. 2 vols. 8vo. 25s.

BABRIUS.—With Lexicon. By Rev. W. G. RUTHERFORD, M.A., LL.D. 8vo. 12s. 6d.

CATULLUS. By Prof. ARTHUR PALMER. [In preparation.]

CICERO.—THE ACADEMICA. By J. S. REID, Litt.D. 8vo. 15s.

THE ACADEMICS. Translated by the same. 8vo. 5s. 6d.

SELECT LETTERS. After the Edition of ALBERT WATSON, M.A. Translated by G. E. JEANS, M.A., Fellow of Hertford College, Oxford. Cr. 8vo. 10s. 6d.

CLUENTIUS.—Translated, with Introduction and Notes, by W. PETERSON, Litt.D. Crown 8vo. 5s.

**EURIPIDES.**—MEDEA. By A. W. VERRALL, Litt.D. 8vo. 7s. 6d.

IPHIGENEIA AT AULIS. By E. B. ENGLAND, Litt.D. 8vo. 7s. 6d.

ALCESTIS. Translated by A. S. WAY, M.A. Cr. 8vo. 1s. 6d.

HECUBA. By the same. Cr. 8vo. 1s. 6d.

MEDEA. By the same. Cr. 8vo. 1s. 6d.

Also Vol. I., containing Alcestis, Hecuba, Medea, Hippolytus, Ion, and Suppliants. Cr. 8vo. 6s. net.

\*INTRODUCTION TO THE STUDY OF EURIPIDES. By Professor J. P. MAHAFFY. Fcap. 8vo. 1s. 6d. (*Classical Writers.*)

**HERODOTUS.**—BOOKS I.—III. THE ANCIENT EMPIRES OF THE EAST. By A. H. SAYCE, Deputy-Professor of Comparative Philology in the University of Oxford. 8vo. 16s.

BOOKS IV.—VI. By R. W. MACAN, M.A., Reader in Ancient History in the University of Oxford. 2 vols. 8vo. 32s.

THE HISTORY. Translated by G. C. MACAULAY, M.A. 2 vols. Cr. 8vo. 18s.

**HOMER.**—THE ILIAD. By WALTER LEAF, Litt.D. 8vo. Books I.—XII. 14s. Books XIII.—XXIV. 14s.

COMPANION TO THE ILIAD FOR ENGLISH READERS. By the same. Cr. 8vo. 7s. 6d.

THE ILIAD. Translated into English Prose by ANDREW LANG, M.A., WALTER LEAF, Litt.D., and ERNEST MYERS, M.A. Cr. 8vo. 12s. 6d.

THE ILIAD. Done into English Verse by A. S. WAY, M.A. 2 vols. 4to. 10s. 6d. net.

THE ODYSSEY. Done into English by S. H. BUTCHER, M.A., Professor of Greek in the University of Edinburgh, and ANDREW LANG, M.A. Cr. 8vo. 6s.

\*INTRODUCTION TO THE STUDY OF HOMER. By the Right Hon. W. E. GLADSTONE. Pott 8vo. 1s. (*Literature Primers.*)

HOMERIC DICTIONARY. Translated from the German of Dr. G. AUTENRIETH by R. P. KEEP, Ph.D. Illustrated. Cr. 8vo. 6s.

HORACE.—Translated by J. LONSDALE, M.A., and S. LEE, M.A. Cr. 8vo. 3s. 6d.

COMPLETE WORKS. Edited for Schools by T. E. PAGE, Prof. A. S. WILKINS, and Prof. A. PALMER. Cr. 8vo. [In preparation.]

JUVENAL.—THIRTEEN SATIRES OF JUVENAL. By JOHN E. B. MAYOR, M.A., Prof. of Latin in the University of Cambridge. Cr. 8vo. 2 vols. 10s. 6d. each.

THIRTEEN SATIRES. Translated by ALEX. LEEPER, M.A., LL.D., Warden of Trinity College, Melbourne. Revised Ed. Cr. 8vo. 3s. 6d.

KTESIAS.—THE FRAGMENTS OF THE PERSIKA OF KTESIAS. By JOHN GILMORE, M.A. 8vo. 8s. 6d.

LIVY.—BOOKS XXI.—XXV. Translated by A. J. CHURCH, M.A., and W. J. BRODRIBB, M.A. Cr. 8vo. 7s. 6d. Book XXI. separately. Cr. 8vo. Sewed, 2s.

\*INTRODUCTION TO THE STUDY OF LIVY. By Rev. W. W. CAPES, M.A. Fcap. 8vo. 1s. 6d. (*Classical Writers.*)

LONGINUS.—ON THE SUBLIME. Translated by H. L. HAVELL, B.A. With Introduction by ANDREW LANG. Cr. 8vo. 4s. 6d.

MARTIAL.—BOOKS I. AND II. OF THE EPIGRAMS. By Prof. JOHN E. B. MAYOR, M.A. 8vo. [In the Press.]

PAUSANIAS.—DESCRIPTION OF GREECE. Translated with Commentary by J. G. FRAZER, M.A., Fellow of Trinity College, Cambridge. 8vo. [In the Press.]

PHRYNICHUS.—THE NEW PHRYNICHUS; being a Revised Text of the Ecloga of the Grammarian Phrynicus. With Introduction and Commentary by Rev. W. G. RUTHERFORD, M.A., LL.D., Headmaster of Westminster. 8vo. 18s.

PINDAR.—THE EXTANT ODES. Trans. by ERNEST MYERS, M.A. Cr. 8vo. 5s.

THE OLYMPIAN AND PYTHIAN ODES. Edited, with an Introductory Essay, by BASIL GILDERSLEEVE, Professor of Greek in the Johns Hopkins University, U.S.A. Cr. 8vo. 7s. 6d.

THE NEMEAN ODES. By J. B. BURY, M.A., Fellow of Trinity College, Dublin. 8vo. 12s.

THE ISTHMIAN ODES. By the same Editor. 8vo. 10s. 6d.

PLATO.—PHÆDO. By R. D. ARCHER-HIND, M.A., Fellow of Trinity College, Cambridge. Second Edition. 8vo. 8s. 6d.

PHÆDO. By Sir W. D. GEDDES, LL.D., Principal of the University of Aberdeen. 8vo. 8s. 6d.

TIMAEUS. With Translation. By R. D. ARCHER-HIND, M.A. 8vo. 16s.

THE REPUBLIC OF PLATO. Translated by J. LL. DAVIES, M.A., and D. J. VAUGHAN, M.A. Pott 8vo. 2s. 6d. net.

EUTHYPHRO, APOLOGY, CRITO, AND PHÆDO. Translated by F. J. CHURCH. Pott 8vo. 2s. 6d. net.

PHÆDRUS, LYSIS, AND PROTAGORAS. Translated by J. WRIGHT, M.A. Pott 8vo. 2s. 6d. net.

PLAUTUS.—THE MOSTELLARIA. By WILLIAM RAMSAY, M.A. Ed. by G. G. RAMSAY, M.A., Professor of Humanity, University of Glasgow. 8vo. 14s.

PLINY.—CORRESPONDENCE WITH TRAJAN. C. Plini Caecilii Secundi Epistulæ ad Traianum Imperatorem cum Eiusdem Responsis. By E. G. HARDY, M.A. 8vo. 10s. 6d.

POLYBIUS.—THE HISTORIES OF POLYBIUS. Translated by E. S. SHUCKBURGH, M.A. 2 vols. Cr. 8vo. 24s.

SALLUST.—CATILINE AND JUGURTHA. Translated by A. W. POLLARD, B.A. Cr. 8vo. 6s. THE CATILINE (separately). 8s.

SOPHOCLES.—OEDIPUS THE KING. Translated into English Verse by E. D. A. MORSHEAD, M.A., Assistant Master at Winchester. Fcap. 8vo. 3s. 6d.

TACITUS.—THE ANNALS. By G. O. HOLBROOKE, M.A., Professor of Latin in Trinity College, Hartford, U.S.A. With Maps. 8vo. 16s.

THE ANNALS. Translated by A. J. CHURCH, M.A., and W. J. BRODRIBB, M.A. With Maps. Cr. 8vo. 7s. 6d.

THE HISTORIES. By Rev. W. A. SPOONER, M.A., Fellow and Tutor of New College, Oxford. 8vo. 16s.

THE HISTORY. Translated by A. J. CHURCH, M.A., and W. J. BRODRIBB, M.A. With Map. Cr. 8vo. 6s.

THE AGRICOLA AND GERMANY, WITH THE DIALOGUE ON ORATORY. Translated by the same. With Maps. Cr. 8vo. 4s. 6d.

\*INTRODUCTION TO THE STUDY OF TACITUS. By A. J. CHURCH, M.A., and W. J. BRODRIBB, M.A. Fcap. 8vo. 1s. 6d. (*Classical Writers.*)

THEOCRITUS, BION, AND MOSCHUS. Translated by A. LANG, M.A. Pott 8vo. 2s. 6d. net. Also an Edition on Large Paper. Cr. 8vo. 9s.

THUCYDIDES.—BOOK IV. A Revision of the Text, Illustrating the Principal Causes of Corruption in the Manuscripts of this Author. By Rev. W. G. RUTHERFORD, M.A., LL.D., Headmaster of Westminster. 8vo. 7s. 6d.

BOOK VIII. By H. C. GOODHART, M.A., late Professor of Latin in the University of Edinburgh. 8vo. 9s.

VIRGIL.—Translated by J. LONSDALE, M.A., and S. LEE, M.A. Gl. 8vo. 3s. 6d.

THE AENEID. Translated by J. W. MACKAIL, M.A., Fellow of Balliol College, Oxford. Cr. 8vo. 7s. 6d.

XENOPHON.—Translated by H. G. DAKYNS, M.A. In four vols. Cr. 8vo. Vol. I. "The Anabasis" and "The Hellenica I. and II." 10s. 6d. Vol. II. "Hellenica" III.—VII. "Agesilaus," the "Polities," and "Revenues." 10s. 6d.

[Vol III. in the Press.]

## GRAMMAR, COMPOSITION, & PHILOLOGY.

### Latin.

\*BELCHER.—SHORT EXERCISES IN LATIN PROSE COMPOSITION AND EXAMINATION PAPERS IN LATIN GRAMMAR. Part I. By Rev. H. BELCHER, LL.D., Rector of the High School, Dunedin, N.Z. Pott 8vo. 1s. 6d. KEY, for Teachers only. Pott 8vo. 3s. 6d.

\*Part II., On the Syntax of Sentences, with an Appendix, including EXERCISES IN LATIN IDIOMS, etc. Pott 8vo. 2s. KEY, for Teachers only. Pott 8vo. 3s.

\*BRYANS.—LATIN PROSE EXERCISES BASED UPON CÆSAR'S GALLIO WAR. With a Classification of Cæsar's Chief Phrases and Grammatical Notes on Cæsar's Usages. By CLEMENT BRYANS, M.A. Gl. 8vo. 2s. 6d. KEY, for Teachers only. 4s. 6d.

CORNELL UNIVERSITY STUDIES IN CLASSICAL PHILOLOGY. Edited by I. FLAGG, W. G. HALE, and B. I. WHEELER. I. The CUM-Constructions: their History and Functions. By W. G. HALE. Part I. Critical. 1s. 8d. net. Part 2. Constructive. 3s. 4d. net. II. Analogy and the Scope of its Application in Language. By B. I. WHEELER. 1s. 3d. net.

\*ENGLAND.—EXERCISES ON LATIN SYNTAX AND IDIOM. ARRANGED WITH REFERENCE TO ROBY'S SCHOOL LATIN GRAMMAR. By E. B. ENGLAND, Litt.D. Cr. 8vo. 2s. 6d. KEY, for Teachers only. 2s. 6d.

GILES.—A SHORT MANUAL OF COMPARATIVE PHILOLOGY FOR CLASSICAL STUDENTS. By P. GILES, M.A., Reader in Comparative Philology in the University of Cambridge. Cr. 8vo. 10s 6d.

HADLEY.—ESSAYS, PHILOLOGICAL AND CRITICAL. By JAMES HADLEY, late Professor in Yale College. 8vo. 16s.

HODGSON.—MYTHOLOGY FOR LATIN VERSIFICATION. Fables for rendering into Latin Verse. By F. HODGSON, B.D., late Provost of Eton. New Ed., revised by F. C. HODGSON, M.A. Pott 8vo. 3s.

HORTON-SMITH.—THE THEORY OF CONDITIONAL SENTENCES IN LATIN AND GREEK. By R. HORTON-SMITH, M.A., Q.C. 8vo. 21s. net.

LUPTON.—\*AN INTRODUCTION TO LATIN ELEGIAC VERSE COMPOSITION. By J. H. LUPTON, Sur-Master of St. Paul's School. Gl. 8vo. 2s. 6d. KEY TO PART II. (XXV.—C.), for Teachers only. Gl. 8vo. 3s. 6d.

\*AN INTRODUCTION TO LATIN LYRIC VERSE COMPOSITION. By the same. Gl. 8vo. 3s. KEY, for Teachers only. Gl. 8vo. 4s. 6d.

\*MACMILLAN.—FIRST LATIN GRAMMAR. By M. C. MACMILLAN, M.A. Fcap. 8vo. 1s. 6d.

MACMILLAN'S LATIN COURSE. Globe 8vo.

\*FIRST PART. By A. M. COOK, M.A., Assistant Master at St. Paul's School. 3s. 6d.

\*SECOND PART. By A. M. COOK, M.A., and W. E. P. PANTIN, M.A. 4s. 6d.

## MACMILLAN'S SHORTER LATIN COURSE. Gl. 8vo.

\*FIRST PART. By A. M. COOK, M.A. 1s. 6d. KEY, for Teachers only. 4s. 6d.

\*SECOND PART. By A. M. COOK, M.A., and W. E. P. PANTIN, M.A. 2s. KEY, for Teachers only. 4s. 6d.

## \*MACMILLAN'S LATIN READER.—A LATIN READER FOR THE LOWER FORMS IN SCHOOLS. By H. J. HARDY, M.A. Gl. 8vo. 2s. 6d.

MEISSNER.—LATIN PHRASE BOOK. By C. MEISSNER. Translated by H. W. AUDEN, M.A. Gl. 8vo. 4s. 6d.

NALL.—A LATIN-ENGLISH DICTIONARY. By Rev. G. H. NALL. [In preparation.

NIXON.—PARALLEL EXTRACTS, Arranged for Translation into English and Latin, with Notes on Idioms. By J. E. NIXON, M.A., Fellow and Classical Lect., King's Coll., Camb. Part I.—Historical and Epistolary. Cr. 8vo. 3s. 6d.

PROSE EXTRACTS, Arranged for Translation into English and Latin, with General and Special Prefaces on Style and Idiom. By the same. I. Oratorical.

II. Historical. III. Philosophical. IV. Anecdotes and Letters. 2nd Ed., enlarged to 280 pp. Cr. 8vo. 4s. 6d. SELECTIONS FROM THE SAME. 2s. 6d.

KEY to "Prose Extracts" (about 100 versions), 2s. 6d. net; to "Parallel Extracts" (about 40), a few copies, 2s. net. For Teachers, from the Author only.

NIXON—SMITH.—PARALLEL VERSE EXTRACTS ON SAME PLAN. I. Elegiacs; II. Lyrics; III. Hexameters. By J. E. NIXON, M.A., and E. H. C. SMITH, M.A. Cr. 8vo. 5s. 6d. Part I. (separately), Elegiacs, 2s. 6d. KEY to (Selections from) each part, 2s. 6d. net, from J. E. NIXON, King's College, Camb.

\*PANTIN.—A FIRST LATIN VERSE BOOK. By W. E. P. PANTIN, M.A., Assistant Master at St. Paul's School. Gl. 8vo. 1s. 6d. KEY, for Teachers only. 4s. net.

\*PEILE.—A PRIMER OF PHILOLOGY. By J. PEILE, Litt.D., Master of Christ's College, Cambridge. Pott 8vo. 1s.

\*POSTGATE.—SERMO LATINUS. A short Guide to Latin Prose Composition. By Prof. J. P. POSTGATE, Litt.D., Fellow of Trinity College, Cambridge. Gl. 8vo. 2s. 6d. KEY to "Selected Passages." Gl. 8vo. 4s. 6d. net.

POTTS.—\*HINTS TOWARDS LATIN PROSE COMPOSITION. By A. W. POTTS, M.A., LL.D., late Fellow of St. John's College, Cambridge. Ex. fcaps. 8vo. 3s.

\*PASSAGES FOR TRANSLATION INTO LATIN PROSE. Edited with Notes and References to the above. Ex. fcaps. 8vo. 2s. 6d. KEY, for Teachers only. 2s. 6d.

\*PRESTON.—EXERCISES IN LATIN VERSE OF VARIOUS KINDS. By Rev. G. PRESTON. Gl. 8vo. 2s. 6d. KEY, for Teachers only. Gl. 8vo. 5s.

REID.—A GRAMMAR OF TACITUS. By J. S. REID, Litt.D., Fellow of Caius College, Cambridge. [In preparation.

A GRAMMAR OF VIRGIL. By the same.

[In preparation.

ROBY.—Works by H. J. ROBY, M.A., late Fellow of St. John's College, Cambridge. A GRAMMAR OF THE LATIN LANGUAGE, from Plautus to Suetonius. Part I. Sounds, Inflexions, Word-formation, Appendices. Cr. 8vo. 9s. Part II. Syntax, Prepositions, etc. 10s. 6d.

\*SCHOOL LATIN GRAMMAR. Cr. 8vo. 5s.

\*ROBY—WILKINS. AN ELEMENTARY LATIN GRAMMAR. By H. J. ROBY, M.A., and Prof. A. S. WILKINS, Litt.D. Gl. 8vo. 2s. 6d.

\*RUST.—FIRST STEPS TO LATIN PROSE COMPOSITION. By Rev. G. RUST, M.A. Pott 8vo. 1s. 6d. KEY, for Teachers only. By W. M. YATES. Pott 8vo. 3s. 6d.

\*SIMPSON.—LATIN PROSE AFTER THE BEST AUTHORS: Cæsarian Prose. By F. P. SIMPSON, B.A. Ex. fcaps. 8vo. 2s. 6d. KEY, for Teachers only. 5s.

STRACHAN—WILKINS.—ANALECTA. Selected Passages for Translation. By J. S. STRACHAN, M.A., Professor of Greek, and A. S. WILKINS, Litt.D., Professor of Latin, Owens College, Manchester. Cr. 8vo. 5s. Also in two parts, 2s. 6d. each. Indexes to Greek and Latin passages, 6d. each.

THRING.—A LATIN GRADUAL. By the Rev. E. THRING, M.A., late Headmaster of Uppingham. A First Latin Construing Book. Fcap. 8vo. 2s. 6d.

A MANUAL OF MOOD CONSTRUCTIONS. Fcap. 8vo. 1s. 6d.

VINCE.—GREEK AND LATIN GENERAL PAPERS. By J. H. VINCE, M.A., Assistant Master at Oundle School. [In the Press.

WELCH—DUFFIELD.—\*LATIN ACCIDENCE AND EXERCISES ARRANGED FOR BEGINNERS. By W. WELCH and C. G. DUFFIELD. Pott 8vo. 1s. 6d.

\*EXERCISES IN UNSEEN TRANSLATION IN LATIN. By the same. Pott 8vo. 1s. 6d.

**WRIGHT.**—Works by J. WRIGHT, M.A., late Headmaster of Sutton Coldfield School.  
**A HELP TO LATIN GRAMMAR**; or, the Form and Use of Words in Latin, with Progressive Exercises. Cr. 8vo. 4s. 6d.

**THE SEVEN KINGS OF ROME.** An Easy Narrative, abridged from the First Book of Livy by the omission of Difficult Passages; being a First Latin Reading Book, with Grammatical Notes and Vocabulary. Fcap. 8vo. 3s. 6d.

**FIRST LATIN STEPS; OR, AN INTRODUCTION BY A SERIES OF EXAMPLES TO THE STUDY OF THE LATIN LANGUAGE.** Cr. 8vo. 3s.

**A COMPLETE LATIN COURSE**, comprising Rules with Examples, Exercises, both Latin and English, on each Rule, and Vocabularies. Cr. 8vo. 2s. 6d.

### Greek.

**BLACKIE.**—**GREEK AND ENGLISH DIALOGUES FOR USE IN SCHOOLS AND COLLEGES.** By JOHN STUART BLACKIE. Fcap. 8vo. 2s. 6d.

**A GREEK PRIMER, COLLOQUIAL AND CONSTRUCTIVE.** Cr. 8vo. 2s. 6d.

**BRYANS.**—**GREEK PROSE EXERCISES** based upon Thucydides. By C. BRYANS, M.A. [In preparation.]

**GILES.**—See under Latin.

**GOODWIN.**—Works by W. W. GOODWIN, LL.D., D.C.L., Professor of Greek in Harvard University.

**SYNTAX OF THE MOODS AND TENSES OF THE GREEK VERB.** New Ed., revised and enlarged. 8vo. 14s.

\***A GREEK GRAMMAR.** Cr. 8vo. 6s.

\***A GREEK GRAMMAR FOR SCHOOLS.** New Edition. Cr. 8vo. 3s. 6d.

**HADLEY.**—See under Latin.

**HADLEY—ALLEN.**—**A GREEK GRAMMAR FOR SCHOOLS AND COLLEGES.** By JAMES HADLEY, late Professor in Yale College. Revised by F. DE F. ALLEN, Professor in Harvard College. Cr. 8vo. 6s.

\***JACKSON.**—**FIRST STEPS TO GREEK PROSE COMPOSITION.** By BLOMFIELD JACKSON, M.A. Pott 8vo. 1s. 6d. KEY, for Teachers only. Pott 8vo. 3s. 6d.

\***SECOND STEPS TO GREEK PROSE COMPOSITION**, with Examination Papers. By the same. Pott 8vo. 2s. 6d. KEY, for Teachers only. Pott 8vo. 3s. 6d.

**JANNARIS.**—**HISTORICAL GRAMMAR OF THE GREEK LANGUAGE.** By A. N. JANNARIS, Ph.D. 8vo. [In the Press.]

**KYNASTON.**—**EXERCISES IN THE COMPOSITION OF GREEK IAMBIC VERSE.** By Rev. H. KYNASTON, D.D., Professor of Classics in the University of Durham. With Vocabulary. Ex. fcap. 8vo. 5s. KEY, for Teachers only. Ex. fcap. 8vo. 4s. 6d.

**MACKIE.**—**PARALLEL PASSAGES FOR TRANSLATION INTO GREEK AND ENGLISH.** With Indexes. By Rev. E. C. MACKIE, M.A., Classical Master at Heversham Grammar School. Gl. 8vo. 4s. 6d.

**MACMILLAN'S GREEK COURSE.**—Edited by Rev. W. G. RUTHERFORD, M.A., LL.D., Headmaster of Westminster. Gl. 8vo.

\***FIRST GREEK GRAMMAR—ACCIDENCE.** By the Editor. 2s.

\***FIRST GREEK GRAMMAR—SYNTAX.** By the same. 2s.

**ACCIDENCE AND SYNTAX.** In one volume. 3s. 6d.

\***EASY EXERCISES IN GREEK ACCIDENCE.** By H. G. UNDERHILL, M.A., Assistant Master at St. Paul's Preparatory School. 2s.

\***A SECOND GREEK EXERCISE BOOK.** By Rev. W. A. HEARD, M.A., Headmaster of Fettes College, Edinburgh. 2s. 6d.

\***EASY EXERCISES IN GREEK SYNTAX.** By Rev. G. H. NALL, M.A., Assistant Master at Westminster School. 2s. 6d.

**MANUAL OF GREEK ACCIDENCE.** By the Editor. [In preparation.]

**MANUAL OF GREEK SYNTAX.** By the Editor. [In preparation.]

**ELEMENTARY GREEK COMPOSITION.** By the Editor. [In preparation.]

\***MACMILLAN'S GREEK READER.**—**STORIES AND LEGENDS.** A First Greek Reader, with Notes, Vocabulary, and Exercises. By F. H. COLSON, M.A., Headmaster of Plymouth College. Gl. 8vo. 3s.

\***MARSHALL.**—**A TABLE OF IRREGULAR GREEK VERBS**, classified according to the arrangement of Curtius's Greek Grammar. By J. M. MARSHALL, M.A., Headmaster of the Grammar School, Durham. 8vo. 1s.

**MAYOR.**—**FIRST GREEK READER.** By Prof. JOHN E. B. MAYOR, M.A., Fellow of St. John's College, Cambridge. Fcap. 8vo. 4s. 6d.

\***MAYOR.—GREEK FOR BEGINNERS.** By Rev. J. B. MAYOR, M.A., late Professor of Classical Literature in King's College, London. Part I., with Vocabulary, 1s. 6d. Parts II. and III., with Vocabulary and Index. Fcap. 8vo. 3s. 6d. Complete in one Vol. 4s. 6d.

**NALL.—A GREEK-ENGLISH DICTIONARY.** By Rev. G. H. NALL.

[In preparation.]

**PEILE.**—See under Latin.

**RUTHERFORD.—THE NEW PHRYNICHUS;** being a Revised Text of the Ecloga of the Grammarians Phrynicus. With Introduction and Commentary. By the Rev. W. G. RUTHERFORD, M.A., LL.D., Headmaster of Westminster. 8vo. 18s.

**STRACHAN—WILKINS.**—See under Latin.

**VINCE.**—See under Latin.

**WHITE.—FIRST LESSONS IN GREEK.** Adapted to GOODWIN'S GREEK GRAMMAR, and designed as an introduction to the ANABASIS OF XENOPHON. By JOHN WILLIAMS WHITE, Assistant Professor of Greek in Harvard University, U.S.A. Cr. 8vo. 3s. 6d.

**WRIGHT.—ATTIC PRIMER.** Arranged for the Use of Beginners. By J. WRIGHT, M.A. Ex. fcap. 8vo. 2s. 6d.

## ANTIQUITIES, ANCIENT HISTORY, AND PHILOSOPHY

**ARNOLD.—A HISTORY OF THE EARLY ROMAN EMPIRE.** By W. T. ARNOLD, M.A. Cr. 8vo. [In preparation.]

**ARNOLD.—THE SECOND PUNIC WAR.** Being Chapters from THE HISTORY OF ROME by the late THOMAS ARNOLD, D.D., Headmaster of Rugby. Edited, with Notes, by W. T. ARNOLD, M.A. With 8 Maps. Cr. 8vo. 5s.

\***BEESLY.—STORIES FROM THE HISTORY OF ROME.** By Mrs. BEESLY. Fcap. 8vo. 2s. 6d.

**BLACKIE.—HORÆ HELLENICÆ.** By JOHN STUART BLACKIE. 8vo. 12s.

**BURN.—ROMAN LITERATURE IN RELATION TO ROMAN ART.** By Rev. ROBERT BURN, M.A. Illustrated. Ex. cr. 8vo. 14s.

**BURY.—A HISTORY OF THE LATER ROMAN EMPIRE FROM ARCADIUS TO IRENE, A.D. 395-800.** By J. B. BURY, M.A., Fellow of Trinity College, Dublin. 2 vols. 8vo. 32s.

**A SCHOOL HISTORY OF GREECE.** By the same. Cr. 8vo. [In preparation.]

**BUTCHER.—SOME ASPECTS OF THE GREEK GENIUS.** By S. H. BUTCHER, M.A., Professor of Greek, Edinburgh. 2nd Ed. revised. Cr. 8vo. 7s. net.

\***CLASSICAL WRITERS.**—Edited by JOHN R. GREEN, M.A. Fcap. 8vo. 1s. 6d. each.

**SOPHOCLES.** By Prof. LEWIS CAMPBELL, M.A.

**EURIPIDES.** By Prof. MAHAFFY, D.D.

**DEMOSTHENES.** By Prof. S. H. BUTCHER, M.A.

**VIRGIL.** By Prof. NETTLESHIP, M.A.

**LIVY.** By Rev. W. W. CAPES, M.A.

**TACITUS.** By A. J. CHURCH, M.A., and W. J. BRODRIBB, M.A.

**MILTON.** By Rev. STOPFORD A. BROOKE, M.A.

**DRISLER.—CLASSICAL STUDIES IN HONOUR OF H. DRISLER.** 8vo. 18s. net.

**DYER.—STUDIES OF THE GODS IN GREECE AT CERTAIN SANCTUARIES RECENTLY EXCAVATED.** By LOUIS DYER, B.A. Ex. Cr. 8vo. 8s. 6d. net.

**ERMAN.—LIFE IN ANCIENT EGYPT.** By A. ERMAN. Translated by H. M. TIRARD. Illustrated. Sup. Roy. 8vo. 21s. net.

**EVANS.—CHAPTERS ON GREEK DRESS.** By M. M. EVANS. 8vo. 5s. net.

**FOWLER.—THE CITY-STATE OF THE GREEKS AND ROMANS.** By W. WARDE FOWLER, M.A. Cr. 8vo. 5s.

**FREEMAN.—HISTORICAL ESSAYS.** By the late EDWARD A. FREEMAN, D.C.L., LL.D. Second Series. [Greek and Roman History.] 8vo. 10s. 6d.

**HISTORY OF FEDERAL GOVERNMENT IN GREECE AND ITALY.** New Edition. Ed. by J. B. BURY, M.A. Ex. Cr. 8vo. 12s. 6d.

**GARDNER.—HANDBOOK OF GREEK SCULPTURE.** By ERNEST A. GARDNER. Extra Crown 8vo. Illustrated. [Part I. in the Press.]

**GARDNER.**—**SAMOS AND SAMIAN COINS.** An Essay. By **PERCY GARDNER**, Litt.D., Professor of Archaeology in the University of Oxford. 8vo. 7s. 6d.

**GEDDES.**—**THE PROBLEM OF THE HOMERIC POEMS.** By Sir W. D. GEDDES, Principal of the University of Aberdeen. 8vo. 14s.

**GLADSTONE.**—**Works** by the Rt. Hon. W. E. GLADSTONE, M.P. **THE TIME AND PLACE OF HOMER.** Cr. 8vo. 6s. 6d. **LANDMARKS OF HOMERIC STUDY.** Cr. 8vo. 2s. 6d.

\***A PRIMER OF HOMER.** Pott 8vo. 1s.

**GOW.**—**A COMPANION TO SCHOOL CLASSICS.** By **JAMES GOW**, Litt.D., Head Master of the High School, Nottingham. Illustrated. Cr. 8vo. 6s.

**GREENIDGE.**—**OUTLINES OF GREEK CONSTITUTIONAL HISTORY.** By **A. H. J. GREENIDGE**. Cr. 8vo. [*In preparation.*

**HARRISON—VERRALL.**—**MYTHOLOGY AND MONUMENTS OF ANCIENT ATHENS.** By **MARGARET DE G. VERRALL**. With Introductory Essay and Archaeological Commentary by **JANE E. HARRISON**. Illustrated. Cr. 8vo. 16s.

**HOLM.**—**HISTORY OF GREECE.** By Professor **A. HOLM**. Authorised translation revised by **F. CLARKE**, M.A. 4 vols. Extra Crown 8vo. Vols. I and II. 6s. net. each. [Vol. III. *nearly ready.*

**JEBB.**—**Works** by **R. C. JEBB**, Litt.D., Professor of Greek in the University of Cambridge. **THE ATTIC ORATORS FROM ANTIPHON TO ISAEUS.** 2 vols. 2nd Ed. 8vo. 25s.

\***A PRIMER OF GREEK LITERATURE.** Pott 8vo. 1s. **GROWTH AND INFLUENCE OF GREEK POETRY.** Cr. 8vo. 7s. net.

**JONES.**—**SELECT PASSAGES FROM ANCIENT WRITERS ILLUSTRATIVE OF THE HISTORY OF GREEK SCULPTURE.** Edited, with Translation and Notes, by **H. STUART JONES**, M.A. Extra Cr. 8vo. 7s. net.

**KIEPERT.**—**MANUAL OF ANCIENT GEOGRAPHY.** By **Dr. H. KIEPERT**. Cr. 8vo. 5s.

**LANCIANI.**—**ANCIENT ROME IN THE LIGHT OF RECENT DISCOVERIES.** By **RODOLFO LANCIANI**, Professor of Archaeology in the University of Rome. Illustrated. 4to. 24s.

**PAGAN AND CHRISTIAN ROME.** By the same. Illustrated. 4to. 24s.

**LEAF.**—**COMPANION TO THE ILIAD FOR ENGLISH READERS.** By **WALTER LEAF**, Litt.D. Cr. 8vo. 7s. 6d.

**LETHABY—SWAINSON.**—**CHURCH OF ST. SOPHIA, CONSTANTINOPLE.** By **W. R. LETHABY** and **H. SWAINSON**. 8vo. 21s. net.

**MAHAFFY.**—**Works** by **J. P. MAHAFFY**, D.D., Fellow of Trinity College, Dublin, and Professor of Ancient History in the University of Dublin.

**SOCIAL LIFE IN GREECE**; from Homer to Menander. Cr. 8vo. 9s.

**GREEK LIFE AND THOUGHT**; from the Age of Alexander to the Roman Conquest. Cr. 8vo. 12s. 6d.

**THE GREEK WORLD UNDER ROMAN SWAY.** From Plutarch to Polybius. Cr. 8vo. 10s. 6d.

**PROBLEMS IN GREEK HISTORY.** Cr. 8vo. 7s. 6d.

**HISTORY OF THE PTOLEMIES.** Cr. 8vo. [*In the Press.*

**RAMBLES AND STUDIES IN GREECE.** 4th Ed. Illust. Cr. 8vo. 10s. 6d.

**A HISTORY OF CLASSICAL GREEK LITERATURE.** Cr. 8vo. Vol. I. The Poets. Part I. Epic and Lyric. Part II. Dramatic. Vol. II. Prose Writers. Part I. Herodotus to Plato. Part II. Isocrates to Aristotle. 4s. 6d. each Part.

\***A PRIMER OF GREEK ANTIQUITIES.** With Illustrations. Pott 8vo. 1s.

**MAYOR.**—**BIBLIOGRAPHICAL CLUE TO LATIN LITERATURE.** Edited after **HÜBNER**. By Prof. **JOHN E. B. MAYOR**. Cr. 8vo. 10s. 6d.

**NEWTON.**—**ESSAYS ON ART AND ARCHAEOLOGY.** By **SIR CHARLES NEWTON**, K.C.B., D.C.L. 8vo. 12s. 6d.

**PATER.**—**PLATO AND PLATONISM.** By **WALTER PATER**, M.A., Fellow of Brasenose College, Oxford. Ex. Cr. 8vo. 8s. 6d.

**GREEK STUDIES.** Extra Cr. 8vo. 10s. 6d.

**PHILOLOGY.**—**THE JOURNAL OF PHILOLOGY.** Edited by **W. A. WRIGHT**, M.A., I. BYWATER, M.A., and **H. JACKSON**, Litt.D. 4s. 6d. each (half-yearly).

**SCHMIDT—WHITE.** **AN INTRODUCTION TO THE RHYTHMIC AND METRIC OF THE CLASSICAL LANGUAGES.** By **Dr. J. H. H. SCHMIDT**. Translated by **JOHN WILLIAMS WHITE**, Ph.D. 8vo. 10s. 6d.

**SCHREIBER—ANDERSON.—ATLAS OF CLASSICAL ARCHAEOLOGY.** By TH. SCHREIBER, with English Text by Prof. W. C. F. ANDERSON. Oblong 4to. 21s. net.

**SCHUCHHARDT.—DR. SCHLEIMANN'S EXCAVATIONS AT TROY, TIRYNS, MYCENÆ, ORCHOMENOS, ITHACA,** presented in the light of recent knowledge. By DR. CARL SCHUCHHARDT. Trans. by EUGENIE SELLERS. 8vo. 18s. net.

**SEEBOHM.—STRUCTURE OF GREEK TRIBAL SOCIETY.** By H. E. SEEBOHM. 8vo. 5s. net.

**SHUCKBURGH.—A HISTORY OF ROME.** By E. S. SHUCKBURGH, M.A. Cr. 8vo. 8s. 6d.

**A SMALLER HISTORY OF ROME.** [In preparation]

**SMITH.—A HANDBOOK ON GREEK PAINTING.** By CECIL SMITH. [In prep.]

**\*STEWART.—THE TALE OF TROY.** Done into English by AUBREY STEWART. Gl. 8vo. 3s. 6d.

**\*TOZER.—A PRIMER OF CLASSICAL GEOGRAPHY.** By H. F. TOZER, M.A. Pott 8vo. 1s.

**TYRELL.—LATIN POETRY.** By Prof. R. Y. TYRELL, M.A. Cr. 8vo. 7s. net.

**WILKINS.—\*A PRIMER OF ROMAN ANTIQUITIES.** By Prof. WILKINS, Litt.D., LLD. III. Pott 8vo. 1s.

**\*A PRIMER OF ROMAN LITERATURE.** By the same. Pott 8vo. 1s.

**WILKINS—FIDDES.—A MANUAL OF ROMAN ANTIQUITIES.** By Prof. A. S. WILKINS, Litt.D., and E. FIDDES, M.A. Cr. 8vo. [In preparation.]

## MODERN LANGUAGES AND LITERATURE.

English; French; German; Modern Greek; Italian; Spanish.

### ENGLISH.

**\*ABBOTT.—A SHAKESPEARIAN GRAMMAR.** An Attempt to Illustrate some of the Differences between Elizabethan and Modern English. By the Rev. E. A. ABBOTT, D.D. Gl. 8vo. 6s.

**\*ADDISON.—SELECTIONS FROM "THE SPECTATOR."** With Introduction and Notes, by K. DEIGHTON. Gl. 8vo. 2s. 6d.

**\*BACON.—ESSAYS.** With Introduction and Notes, by F. G. SELBY, M.A. Gl. 8vo. 3s.; sewed, 2s. 6d.

**\*THE ADVANCEMENT OF LEARNING.** By the same. Gl. 8vo. Book I. 2s. Book II. 4s. 6d.

**BATES.—AN OUTLINE OF THE DEVELOPMENT OF THE EARLY ENGLISH DRAMA.** By K. L. BATES. 6s. 6d. net.

**BROOKE.—EARLY ENGLISH LITERATURE.** By Rev. STOPFORD A. BROOKE, M.A. 2 vols. 8vo. 20s. net.

**BROWNING.—A PRIMER ON BROWNING.** By F. M. WILSON. Gl. 8vo. 2s. 6d.

**BURKE.—\*REFLECTIONS ON THE FRENCH REVOLUTION.** With Introduction and Notes, by F. G. SELBY, M.A. Gl. 8vo. 5s.

**\*SPEECH ON CONCILIATION WITH AMERICA, ON AMERICAN TAXATION; LETTER TO THE SHERIFFS OF BRISTOL.** By the same. Gl. 8vo. 3s. 6d.

**BUTLER.—HUDIBRAS.** With Introduction and Notes, by ALFRED MILNES, M.A. Ex. feap. 8vo. Part I. 3s. 6d. Parts II. and III. 4s. 6d.

**BYRON.—CHILDE HAROLD.** Edited by Prof. E. E. MORRIS. [In preparation.]

**CAMPBELL.—SELECTIONS.** With Introduction and Notes, by W. T. WEBB, M.A. Gl. 8vo. [In preparation.]

**CHAUCER.—A PRIMER OF CHAUCER.** By A. W. POLLARD, M.A. Pott 8vo. 1s.

**CANTERBURY TALES.** Edited by A. W. POLLARD, M.A. 2 vols. Gl. 8vo. 10s.

**CHOSEN ENGLISH.—BEING SELECTIONS FROM WORDSWORTH, BYRON, SHELLEY, LAMB, SCOTT.** By ADELL ELLIS, B.A. [In the Press.]

**COLLINS.—THE STUDY OF ENGLISH LITERATURE: A Plea for its Recognition at the Universities.** By J. CURTON COLLINS, M.A. Cr. 8vo. 4s. 6d.

**COURTHOPE.—HISTORY OF ENGLISH POETRY.** By W. J. COURTHOPE, M.A. Vol. I. 8vo. 10s. net.

**COWPER.**—\*THE TASK: an Epistle to Joseph Hill, Esq.; TIROCINIUM, or a Review of the Schools; and THE HISTORY OF JOHN GILPIN. Edited, with Notes, by W. BENHAM, B.D. Gl. 8vo. 1s.

**THE TASK.** BOOK IV. With Introduction and Notes by W. T. WEBB, M.A. Gl. 8vo. Sewed, 1s.

**THE TASK.** BOOK V. With Notes. Gl. 8vo. Sewed, 6d.

\*SELECT LETTERS. With Introduction and Notes by W. T. WEBB, M.A. Gl. 8vo. 2s. 6d.

**THE SHORTER POEMS.** With Introduction and Notes by W. T. WEBB, M.A. [In preparation.]

**CRAIK.**—ENGLISH PROSE SELECTIONS. With Critical Introductions by various writers, and General Introductions to each Period. Edited by HENRY CRAIK, C.B., LL.D. In 5 vols. Cr. 8vo. Vol. I. 14th to 16th Century. 7s. 6d. Vol. II. 16th Century to Restoration. 7s. 6d. Vol. III. 17th Century. 7s. 6d. Vol. IV. 18th Century. 7s. 6d. [Vol. V. just ready.]

\*DRYDEN.—SELECT PROSE WORKS. Edited, with Introduction and Notes, by Prof. C. D. YONGE. Feap. 8vo. 2s. 6d.

\*SELECT SATIRES. With Introduction and Notes, by J. CHURTON COLLINS, M.A. Gl. 8vo. 1s. 9d.

**EMERSON.**—HISTORY OF THE ENGLISH LANGUAGE. By O. F. EMERSON. Cr. 8vo. 6s.

HISTORY OF THE ENGLISH LANGUAGE FOR HIGH SCHOOLS. Crown 8vo. [In the Press.]

\*GLOBE READERS. Edited by A. F. MURISON. Illustrated. Gl. 8vo.

Primer I. (48 pp.) 3d. Primer II. (48 pp.) 3d. Book I. (132 pp.) 8d. Book II. (136 pp.) 10d. Book III. (232 pp.) 1s. 3d. Book IV. (328 pp.) 1s. 9d. Book V. (408 pp.) 2s. Book VI. (436 pp.) 2s. 6d.

\*THE SHORTER GLOBE READERS.—Illustrated. Gl. 8vo.

Primer I. (48 pp.) 3d. Primer II. (48 pp.) 3d. Book I. (132 pp.) 8d. Book II. (136 pp.) 10d. Book III. (178 pp.) 1s. Book IV. (182 pp.) 1s. Book V. (216 pp.) 1s. 3d. Book VI. (228 pp.) 1s. 6d.

\*GOLDSMITH.—THE TRAVELLER, or a Prospect of Society; and THE DESERTED VILLAGE. With Notes, by J. W. HALES, M.A. Cr. 8vo. 6d.

\*THE TRAVELLER AND THE DESERTED VILLAGE. With Introduction and Notes, by A. BARRETT, B.A. Gl. 8vo. 1s. 9d. Separately, 1s. each, sewed.

\*THE VICAR OF WAKEFIELD. With Memoir by Prof. MASSON. Gl. 8vo. 1s. SELECT ESSAYS. With Introduction and Notes, by Prof. C. D. YONGE. Feap. 8vo. 2s. 6d.

\*GOW.—A METHOD OF ENGLISH, for Secondary Schools. Part I. By JAMES GOW, Litt.D. Gl. 8vo. 2s.

\*GOYEN.—PRINCIPLES OF ENGLISH COMPOSITION THROUGH ANALYSIS AND SYNTHESIS. By P. GOYEN. Gl. 8vo. 2s. KEY. 4s. net.

\*GRAY.—POEMS. With Introduction and Notes, by JOHN BRADSHAW, LL.D. Gl. 8vo. 1s. 9d.

\*SELECT ODES. With Notes. Globe 8vo. Sewed, 6d.

\*HALES.—Works by J. W. HALES, M.A., Professor of English Literature at King's College, London.

LONGER ENGLISH POEMS. With Notes, Philological and Explanatory, and an Introduction on the Teaching of English. Ex. feap. 8vo. 4s. 6d.

SHORTER ENGLISH POEMS. Ex. feap. 8vo. [In preparation.]

HEATH.—SHORT HISTORY OF ENGLISH LITERATURE. By H. F. HEATH, M.A., Lecturer in Bedford College, London. [In preparation.]

\*HELPS.—ESSAYS WRITTEN IN THE INTERVALS OF BUSINESS. With Introduction and Notes, by F. J. ROWE, M.A., and W. T. WEBB, M.A. Gl. 8vo. 1s. 9d.

\*JOHNSON.—LIVES OF THE POETS. The Six Chief Lives (Milton, Dryden, Swift, Addison, Pope, Gray), with Macaulay's "Life of Johnson." With Preface and Notes by MATTHEW ARNOLD. Cr. 8vo. 4s. 6d.

\*LIFE OF MILTON. With Introduction and Notes, by K. DEIGHTON. Gl. 8vo. 1s. 9d.

KELLNER.—HISTORICAL OUTLINES OF ENGLISH SYNTAX. By L. KELLNER, Ph.D. Gl. 8vo. 6s.

\*KINGSLEY.—WESTWARD HO! By CHARLES KINGSLEY. Abridged Edition for Schools. Gl. 8vo. 1s. 6d.

\*HEREWARD THE WAKE. By the same. Gl. 8vo. 1s. 6d.

LAMB.—TALES FROM SHAKESPEARE. With Introduction and Notes by Rev. A. AINGER, LL.D., Canon of Bristol. Pott 8vo. 2s. 6d. net.

\*THE ESSAYS OF ELIA. By N. L. HALLWARD, M.A., and S. C. HILL, B.A. Globe 8vo. 3s.; sewed, 2s. 6d.

\*LITERATURE PRIMERS.—Edited by J. R. GREEN, LL.D. Pott 8vo. 1s. each.

ENGLISH GRAMMAR. By Rev. R. MORRIS, LL.D.

ENGLISH GRAMMAR EXERCISES. By R. MORRIS, LL.D., and H. C. BOWEN, M.A.

EXERCISES ON MORRIS'S PRIMER OF ENGLISH GRAMMAR. By J. WETHERELL, M.A. New Edition, 1894.

ENGLISH COMPOSITION. By Professor JOHN NICHOL.

QUESTIONS AND EXERCISES ON ENGLISH COMPOSITION. By Prof. NICHOL and Prof. W. S. M'CORMICK.

ENGLISH LITERATURE. By STOPFORD BROOKE, M.A.

SHAKSPERE. By Professor DOWDEN.

CHAUCER. By A. W. POLLARD, M.A.

SPENSER. By Prof. J. W. HALES.

THE CHILDREN'S TREASURY OF LYRICAL POETRY. Selected and arranged with Notes by FRANCIS TURNER PALGRAVE. In Two Parts. 1s. each.

PHILOLOGY. By J. PEILE, Litt.D.

ROMAN LITERATURE. By Prof. A. S. WILKINS, Litt.D.

GREEK LITERATURE. By Prof. JEBB, Litt.D.

HOMER. By the Rt. Hon. W. E. GLADSTONE, M.P.

A HISTORY OF ENGLISH LITERATURE IN FOUR VOLUMES. Cr. 8vo.

EARLY ENGLISH LITERATURE. By STOPFORD BROOKE, M.A. [In preparation.

ELIZABETHAN LITERATURE. (1560-1665.) By GEORGE SAINTSBURY. 7s. 6d.

EIGHTEENTH CENTURY LITERATURE. (1660-1780.) By EDMUND GOSSE, M.A. 7s. 6d.

NINETEENTH CENTURY LITERATURE. By GEORGE SAINTSBURY. 7s. 6d.

[In the Press.

LITTLEDALE.—ESSAYS ON TENNYSON'S IDYLLS OF THE KING. By H. LITTLEDALE, M.A. Cr. 8vo. 4s. 6d.

MACAULAY.—\*ESSAY ON LORD CLIVE. With Introduction and Notes by K. DEIGHTON. Gl. 8vo. 2s.

\*ESSAY ON WARREN HASTINGS. By the same. Gl. 8vo. 2s. 6d.

ESSAY ON ADDISON. By Prof. J. W. HALES, M.A. Gl. 8vo. [In the Press.

MACLEAN.—OLD AND MIDDLE ENGLISH READER. With Notes and Vocabulary by Prof. G. E. MACLEAN. Cr. 8vo. 8s. net.

\*MACMILLAN'S HISTORY READERS. (See History, p. 47.)

\*MACMILLAN'S NEW LITERARY READERS.—Illustrated. Globe 8vo.

Primers I. (32 pp.), 4d.; II. (48 pp.), 4d. Infant Reader (80 pp.), 6d. Books I. (112 pp.), 8d.; II. (128 pp.), 10d.; III. (176 pp.), 1s.; IV. (206 pp.), 1s. 3d.; V. (240 pp.), 1s. 6d.; VI. (256 pp.), 1s. 6d.

\*MACMILLAN'S READING BOOKS.

PRIMER. 18mo. (48 pp.) 2d. BOOK I. (96 pp.) 4d. BOOK II. (144 pp.) 5d. BOOK III. (160 pp.) 6d. BOOK IV. (176 pp.) 8d. BOOK V. (380 pp.) 1s. BOOK VI. Cr. 8vo. (430 pp.) 2s.

Book VI. is fitted for Higher Classes, and as an Introduction to English Literature.

\*MACMILLAN'S RECITATION CARDS. Selections from TENNYSON, KINGSLEY, MATTHEW ARNOLD, CHRISTINA ROSSETTI, DOYLE. Annotated. Cr. 8vo. Nos. 1 to 18, 1d. each; Nos. 19 to 42, 2d. each.

MACMILLAN'S GEOGRAPHY READERS.—Illustrated. Globe 8vo.

BOOK I. ( pp.), . BOOK II. ( pp.), . BOOK III. ( pp.), . BOOK IV. ( pp.), . BOOK V. ( pp.), . BOOK VI. ( pp.), . BOOK VII. (256 pp.), .

\*MACMILLAN'S OFFICIAL COPY BOOKS.—Post Oblong. 2d. each.

MALORY.—MORTE D'ARTHUR. Selected and Edited, with Introduction and Notes, by A. T. MARTIN, M.A. [In the Press.

**MARTIN.**—\*THE POETS HOUR: Poetry selected for Children. By FRANCES MARTIN. 18mo. 2s. 6d.

\*SPRING-TIME WITH THE POETS. By the same. Pott 8vo. 3s. 6d.

\***MILTON.**—PARADISE LOST. Books I. and II. With Introduction and Notes, by MICHAEL MACMILLAN, B.A. Gl. 8vo. 1s. 9d. Books I. II. III. IV. separately, 1s. 3d. ; sewed, 1s. each.

\***L'ALLEGRO, IL PENSERO SO, LYCIDAS, ARCADES, SONNETS, &c.** With Introduction and Notes, by W. BELL, M.A. Gl. 8vo. 1s. 9d.

\***COMUS.** By the same. Gl. 8vo. 1s. 3d.

\***SAMSON AGONISTES.** By H. M. PERCIVAL, M.A., Professor of English Literature, Presidency College, Calcutta. Gl. 8vo. 2s.

\***TRACTATE OF EDUCATION.** By E. E. MORRIS, M.A., Professor of English Language and Literature, Melbourne University. Globe 8vo. 1s. 9d.

\***INTRODUCTION TO THE STUDY OF MILTON.** By STOPFORD BROOKE, M.A. Feap. 8vo. 1s. 6d. (*Classical Writers.*)

**MORRIS.**—Works by the Rev. R. MORRIS, LL.D.

\***A PRIMER OF ENGLISH GRAMMAR.** Pott 8vo. 1s.

\***ELEMENTARY LESSONS IN HISTORICAL ENGLISH GRAMMAR,** containing Accidence and Word-Formation. Pott 8vo. 2s. 6d.

\***HISTORICAL OUTLINES OF ENGLISH ACCIDENCE,** with Chapters on the Development of the Language, and on Word-Formation. New Edition, revised by L. KELLNER, Ph.D., and HENRY BRADLEY, M.A. Gl. 8vo. 6s.

**OLIPHANT.**—THE LITERARY HISTORY OF ENGLAND, 1790-1825. By MRS. OLIPHANT 3 vols. 8vo. 2ls.

**OLIPHANT.**—THE OLD AND MIDDLE ENGLISH. By T. L. KINGTON OLIPHANT. 2nd Ed. Gl. 8vo. 9s.

THE NEW ENGLISH. By the same. 2 vols. Cr. 8vo. 2ls.

**PALGRAVE.**—THE GOLDEN TREASURY OF SONGS AND LYRICS. Selected by F. T. PALGRAVE. Pott 8vo. 2s. 6d. net.

\***THE CHILDREN'S TREASURY OF LYRICAL POETRY.** Selected by the same. Pott 8vo. 2s. 6d. net. Also in Two Parts. 1s. each.

**PATMORE.**—THE CHILDREN'S GARLAND FROM THE BEST POETS. Selected by COVENTRY PATMORE. Pott 8vo. 2s. 6d. net.

**POPE.**—ESSAY ON MAN. Edited by Prof. E. E. MORRIS. 1s. 9d.  
ESSAY ON MAN. Epistle I. With Notes. Gl. 8vo. Sewed, 6d.  
ESSAY ON CRITICISM. Edited by T. CHURTON COLLINS, M.A. [*In preparation.*]

\***RANSOME.**—SHORT STUDIES OF SHAKESPEARE'S PLOTS. By CYRIL RANSOME, M.A., Professor of Modern History and Literature, Yorkshire College, Leeds. Cr. 8vo. 3s. 6d. Also HAMLET, MACBETH, THE TEMPEST, 9d. each, sewed.

\***RYLAND.**—CHRONOLOGICAL OUTLINES OF ENGLISH LITERATURE. By F. RYLAND, M.A. Cr. 8vo. 6s.

**SAINTSBURY.**—A SHORT HISTORY OF ENGLISH LITERATURE. By G. SAINTSBURY. [*In preparation.*]

**SCOTT.**—\*LAY OF THE LAST MINSTREL, and THE LADY OF THE LAKE. Edited by FRANCIS TURNER PALGRAVE. Gl. 8vo. 1s.

\***THE LAY OF THE LAST MINSTREL.** With Introduction and Notes, by G. H. STUART, M.A., Principal of Kumbakonam College, and E. H. ELLIOT, B.A. Gl. 8vo. 2s. Canto I. 9d. Cantos I. to III. and IV. to VI. Sewed, 1s. each.

\***MARMION, and THE LORD OF THE ISLES.** By F. T. PALGRAVE. Gl. 8vo. 1s.

\***MARMION.** With Introduction and Notes, by MICHAEL MACMILLAN, B.A. Gl. 8vo. 3s. ; sewed, 2s. 6d.

\***THE LADY OF THE LAKE.** By G. H. STUART, M.A. Gl. 8vo. 2s. 6d. sewed, 2s. Canto I., 9d.

\***ROKEBY.** With Introduction and Notes, by MICHAEL MACMILLAN, B.A. Gl. 8vo. 3s. ; sewed, 2s. 6d.

**SHAKESPEARE.**—\*A SHAKESPEARIAN GRAMMAR. (*See ABBOTT.*)

\***A PRIMER OF SHAKESPEARE.** By Prof. DOWDEN. Pott 8vo. 1s.

\***SHORT STUDIES OF SHAKESPEARE'S PLOTS.** (*See RANSOME.*)

\***THE TEMPEST.** With Introduction and Notes, by K. DEIGHTON. Gl. 8vo. 1s. 9d.

\***MUCH ADO ABOUT NOTHING.** By the same. 2s.

\***A MIDSUMMER NIGHT'S DREAM.** By the same. 1s. 9d.

\***THE MERCHANT OF VENICE.** By the same. 1s. 9d.

- \*AS YOU LIKE IT. By the same. 1s. 9d.
- \*TWELFTH NIGHT. By the same. 1s. 9d.
- \*THE WINTER'S TALE. By the same. 2s.
- \*KING JOHN. By the same. 1s. 9d.
- \*RICHARD II. By the same. 1s. 9d.
- \*HENRY IV.—PART I. By the same. 2s. 6d.; sewed, 2s.
- \*HENRY IV.—PART II. By the same. 2s. 6d.; sewed, 2s.
- \*HENRY V. By the same. 1s. 9d.
- \*RICHARD III. By C. H. TAWNEY, M.A. 2s. 6d.; sewed, 2s.
- \*HENRY VIII. By K. DEIGHTON. 1s. 9d.
- \*CURIOLANUS. By the same. 2s. 6d.; sewed, 2s.
- \*ROMEO AND JULIET. By the same. 2s. 6d.; sewed, 2s.
- \*JULIUS CÆSAR. By the same. 1s. 9d.
- \*MACBETH. By the same. 1s. 9d.
- \*HAMLET. By the same. 2s. 6d.; sewed, 2s.
- \*KING LEAR. By the same. 1s. 9d.
- \*OTHELLO. By the same. 2s.
- \*ANTONY AND CLEOPATRA. By the same. 2s. 6d.; sewed, 2s.
- \*CYMBELINE. By the same. 2s. 6d.; sewed, 2s.
- \*SONNENSCHEIN—MEIKLEJOHN.—THE ENGLISH METHOD OF TEACHING TO READ. By A. SONNENSCHEIN and J. M. D. MEIKLEJOHN, M.A. Fcap. 8vo. THE NURSERY BOOK, containing all the Two-Letter Words in the Language. 3d.; sewed, 1d. (Also in Large Type on Sheets for School Walls. 5s.) THE FIRST COURSE, consisting of Short Vowels with Single Consonants. 7d. THE SECOND COURSE, with Combinations and Bridges, consisting of Short Vowels with Double Consonants. 7d.
- THE THIRD AND FOURTH COURSES, consisting of Long Vowels, and all the Double Vowels in the Language. 7d.
- \*SOUTHEY.—LIFE OF NELSON. With Introduction and Notes, by MICHAEL MACMILLAN, B.A. Gl. 8vo. 3s.; sewed, 2s. 6d.
- \*SPENSER.—THE FAIRIE QUEENE. Book I. With Introduction and Notes, by H. M. PERCIVAL, M.A. Gl. 8vo. 3s.; sewed, 2s. 6d.
- \*THE SHEPHEARD'S CALENDAR. With Introduction, Notes, and Glossary, by Prof. C. H. HERFORD, Litt.D. Gl. 8vo. 2s. 6d.
- PRIMER OF SPENSER. By Prof. J. W. HALES. *[In preparation.]*
- TAYLOR.—WORDS AND PLACES; or, Etymological Illustrations of History, Ethnology, and Geography. By Rev. ISAAC TAYLOR, Litt.D. Gl. 8vo. 6s.
- TENNYSON.—THE COLLECTED WORKS. In 4 Parts. Cr. 8vo. 2s. 6d. each.
- \*TENNYSON FOR THE YOUNG. Edited by the Rev. ALFRED AINGER, LL.D., Canon of Bristol. Pott 8vo. 1s. net.
- \*SELECTIONS FROM TENNYSON. With Introduction and Notes, by F. J. ROWE, M.A., and W. T. WEBB, M.A. Gl. 8vo. 3s. 6d. or in two parts. Part I. 2s. 6d. Part II. 2s. 6d.
- MORTE D'ARTHUR. By F. J. ROWE, M.A., and W. T. WEBB, M.A. Gl. 8vo. 1s.
- \*ENOCH ARDEN. By W. T. WEBB, M.A. Gl. 8vo. 2s. 6d.
- \*AYLMER'S FIELD. By W. T. WEBB, M.A. Gl. 8vo. 2s. 6d.
- \*THE PRINCESS; A MEDLEY. By P. M. WALLACE, M.A. Gl. 8vo. 3s. 6d.
- \*THE COMING OF ARTHUR, and THE PASSING OF ARTHUR. By F. J. ROWE, M.A. Gl. 8vo. 2s. 6d.
- \*GARETH AND LYNETTE. By G. C. MACAULAY, M.A. Gl. 8vo. 2s. 6d.
- \*GERAINT AND ENID, and THE MARRIAGE OF GERAINT. By G. C. MACAULAY, M.A. Gl. 8vo. 2s. 6d.
- \*THE HOLY GRAIL. By G. C. MACAULAY, M.A. Gl. 8vo. 2s. 6d.
- \*LANCELOT AND ELAINE. By F. J. ROWE, M.A. Gl. 8vo. 2s. 6d.
- \*GUINEVERE. By G. C. MACAULAY, M.A. Gl. 8vo. 2s. 6d.
- THRING.—THE ELEMENTS OF GRAMMAR TAUGHT IN ENGLISH. By EDWARD THRING, M.A. With Questions. 4th Ed. Pott 8vo. 2s.
- \*VAUGHAN.—WORDS FROM THE POETS. By C. M. VAUGHAN. Pott 8vo. 1s.
- WARD.—THE ENGLISH POETS. Selections, with Critical Introductions by various Writers. Edited by T. H. WARD, M.A. 4 Vols. Cr. 8vo. Vol. I. CHAUCER TO DONNE.—Vol. II. BEN JONSON TO DRYDEN.—Vol. III. ADDISON TO BLAKE.—2nd Ed. 7s. 6d. each. Vol. IV. WORDSWORTH TO TENNYSON. 8s. 6d. Appendix to Vol. IV. 2s.

WARD.—A HISTORY OF ENGLISH DRAMATIC LITERATURE, TO THE DEATH OF QUEEN ANNE. By A. W. WARD, Litt.D., Principal of Owens College, Manchester. 2 vols. 8vo. [New Ed. in the Press.]

WHITCOMB.—CHRONOLOGICAL OUTLINES OF AMERICAN LITERATURE. By L. S. WHITCOMB. Cr. 8vo. 6s. net.

WOOD.—WORD-BUILDING, TRANSCRIPTION, AND COMPOSITION. By R. S. WOOD. Parts I. and II., 2d. each; III. and IV., 3d. each. [V., VI., VII. in preparation.]

WOODS.—\*A FIRST POETRY BOOK. By M. A. Woods. Fcap. 8vo. 2s. 6d.

\*A SECOND POETRY BOOK. By the same. 4s. 6d.; or, Two Parts. 2s. 6d. each.

\*A THIRD POETRY BOOK. By the same. 4s. 6d.

HYMNS FOR SCHOOL WORSHIP. By the same. Pott 8vo. 1s. 6d.

WORDSWORTH.—SELECTIONS. With Introduction and Notes, by F. J. ROWE, M.A., and W. T. WEBB, M.A. Gl. 8vo. [In preparation.]

WULKER.—ANGLO-SAXON LITERATURE. By R. W. WULKER. Translated by A. W. DEERING and C. F. M'CLUMPHA. [In the Press.]

YONGE.—\*A BOOK OF GOLDEN DEEDS. By C. M. YONGE. Pott 8vo. 2s. 6d. net.

\*THE LANCES OF LYNWOOD. By the same. Abridged Edition. Gl. 8vo. 1s. 6d.

## FRENCH.

BEAUMARCHAIS.—LE BARBIER DE SEVILLE. With Introduction and Notes, by L. P. BLOUET. Fcap. 8vo. 3s. 6d.

BERTHON.—LONGER FRENCH POEMS. By H. E. BERTHON, B.A. [In the Press.]

MODERN FRENCH PROSE EXTRACTS. By the same. [In the Press.]

\*BOWEN.—FIRST LESSONS IN FRENCH. By H. COURTHOPE BOWEN, M.A. Gl. 8vo. 1s.

BREYmann.—FIRST FRENCH EXERCISE BOOK. By HERMANN BREYmann, Ph.D., Professor of Philology in the University of Munich. Ex. fcap. 8vo. 4s. 6d.

SECOND FRENCH EXERCISE BOOK. By the same. Ex. fcap. 8vo. 2s. 6d.

DELBOS.—LECTURES MARITIMES. By Prof. L. DELBOS, H.M.S. Britannia. Fcap. 8vo. 2s. net.

SEA STORIES FOR FRENCH COMPOSITION. Fcap. 8vo. 2s. net.

FASNACHT.—Works by G. E. FASNACHT, late Assistant Master at Westminster. THE ORGANIC METHOD OF STUDYING LANGUAGES. Gl. 8vo. I. French. 3s. 6d.

AN ELEMENTARY FRENCH GRAMMAR FOR SCHOOLS. Cr. 8vo. 3s. 6d.

AN ABRIDGED AND REVISED EDITION OF ABOVE. Cr. 8vo. [In the Press.]

GRAMMAR AND GLOSSARY OF THE FRENCH LANGUAGE OF THE SEVENTEENTH CENTURY. Cr. 8vo. [In preparation.]

SELECT SPECIMENS OF THE GREAT FRENCH WRITERS, 17th, 18th, and 19th Centuries. Cr. 8vo. 7s. 6d.

MACMILLAN'S PRIMARY SERIES OF FRENCH READING BOOKS.—Edited by G. E. FASNACHT. Illustrations, Notes, Vocabularies, and Exercises. Gl. 8vo.

\*FRENCH READINGS FOR CHILDREN. By G. E. FASNACHT. 1s. 6d.

\*CORNAZ—NOS ENFANTS ET LEURS AMIS. By EDITH HARVEY. 1s. 6d.

\*DE MAISTRE—LA JEUNE SIBERIENNE ET LE LÉPREUX DE LA CITÉ D'AOSTE. By STEPHANE BARLET, B.Sc. 1s. 6d.

\*FLORIAN—FABLES. By Rev. CHARLES YELD, M.A. 1s. 6d.

\*LA FONTAINE—SELECT FABLES. By L. M. MORIARTY, B.A. 2s. 6d.

\*MOLESWORTH—FRENCH LIFE IN LETTERS. By Mrs. MOLESWORTH. 1s. 6d.

\*OGER—FRENCH PROSE FOR THE YOUNG. Edited by VICTOR OGER. [In preparation.]

\*FRENCH POETRY FOR THE YOUNG. By the same. [In preparation.]

\*PERRAULT—CONTES DE FÉES. By G. E. FASNACHT. 1s. 6d.

\*SOUVESTRE—UN PHILOSOPHE SOUS LES TOITS. By L. M. MORIARTY, B.A. 2s. 6d.

\*SOUVESTRE—LE SERF. By H. E. BERTHON, B.A. 1s. 6d.

\*SOUVESTRE—LE CHEVRIER DE LORRAINE. By H. E. BERTHON, B.A. 1s. 6d.

MACMILLAN'S PROGRESSIVE FRENCH COURSE.—By G. E. FASNACHT. Gl. 8vo. \*FIRST YEAR, Easy Lessons on the Regular Accidence. 1s.

\*SUPPLEMENTARY EXERCISES TO FIRST YEAR. 1s.

\*SECOND YEAR, an Elementary Grammar with Exercises, Notes, and Vocabularies. 2s.

\*THIRD YEAR, a Systematic Syntax, and Lessons in Composition. 2s. 6d.

THE TEACHER'S COMPANION TO THE ABOVE. With Copious Notes, Hints for Different Renderings, Synonyms, Philological Remarks, etc. By G. E. FASNACHT. Gl. 8vo. Each Year, 4s. 6d.

\*MACMILLAN'S FRENCH COMPOSITION.—By G. E. FASNACHT. Part I. Elementary. Gl. 8vo. 2s. 6d. Part II. Advanced. Cr. 8vo. 5s.

THE TEACHER'S COMPANION TO THE ABOVE. By G. E. FASNACHT. Ex. feap. 8vo. Part I. 4s. 6d. Part II. 5s. net.

A SPECIAL VOCABULARY TO MACMILLAN'S SECOND COURSE OF FRENCH COMPOSITION. By the Same. [In the Press.]

MACMILLAN'S PROGRESSIVE FRENCH READERS. By G. E. FASNACHT. Gl. 8vo. \*FIRST YEAR, containing Tales, Historical Extracts, Letters, Dialogues, Ballads, Nursery Songs, etc., with Two Vocabularies: (1) in the order of subjects; (2) in alphabetical order. With Imitative Exercises. 2s. 6d.

\*SECOND YEAR, containing Fiction in Prose and Verse, Historical and Descriptive Extracts, Essays, Letters, Dialogues, etc. With Imitative Exercises. 2s. 6d.

MACMILLAN'S FOREIGN SCHOOL CLASSICS. Ed. by G. E. FASNACHT. Pott 8vo.

\*CORNEILLE—LE CID. By G. E. FASNACHT. 1s.

\*DUMAS—LES DEMOISELLES DE ST. CYR. By VICTOR OGER. 1s. 6d.

\*MERIMEE—COLOMBA. By G. E. FASNACHT. 2s.

\*MOLIERE—L'AVARE. By L. M. MORIARTY, B.A. 1s.

\*MOLIERE—LE BOURGEOIS GENTILHOMME. By the same. 1s. 6d.

\*MOLIERE—LES FEMMES SAVANTES. By G. E. FASNACHT. 1s.

\*MOLIERE—LE MALADE IMAGINAIRE. By the same. 1s. 6d.

\*MOLIERE—LE MISANTHROPE. By the same. 1s.

\*MOLIERE—LE MEDECIN MALGRE LUI. By the same. 1s.

\*MOLIERE—LES PRECIEUSES RIDICULES. By the same. 1s.

\*RACINE—BRITANNICUS. By E. PELLISSIER, M.A. 2s.

\*FRENCH READINGS FROM ROMAN HISTORY. Selected from various Authors, by C. COLBECK, M.A., Assistant Master at Harrow. 4s. 6d.

\*SAND, GEORGE—LA MARE AU DIABLE. By W. E. RUSSELL, M.A. Assistant Master at Haileybury. 1s.

\*SANDEAU, JULES—MADEMOISELLE DE LA SEIGLIERE. By H. C. STEEL, Assistant Master at Winchester. 1s. 6d.

\*VOLTAIRE—CHARLES XII. By G. E. FASNACHT. 3s. 6d.

\*MASSON.—A COMPENDIOUS DICTIONARY OF THE FRENCH LANGUAGE. Adapted from the Dictionaries of Prof. A. ELWALL. By G. MASSON. Cr. 8vo. 3s. 6d.

LA LYRE FRANCAISE. Selected and arranged with Notes. Pott 8vo. 2s. 6d. net.

\*PELLISSIER.—FRENCH ROOTS AND THEIR FAMILIES. A Synthetic Vocabulary, based upon Derivations. By E. PELLISSIER, M.A., Assistant Master at Clifton College. Gl. 8vo. 6s.

\*STORM.—FRENCH DIALOGUES. A Systematic Introduction to the Grammar and Idiom of spoken French. By JOH. STORM, LL.D. Intermediate Course. Translated by G. MACDONALD, M.A. Cheaper Issue. Cr. 8vo. 2s. 6d.

## GERMAN.

BEHAGHEL.—A SHORT HISTORICAL GRAMMAR OF THE GERMAN LANGUAGE. By Dr. OTTO BEHAGHEL. Translated by EMIL TRECHMANN, M.A., Ph.D., University of Sydney. Gl. 8vo. 3s. 6d.

BUCHHEIM.—DEUTSCHE LYRIK. The Golden Treasury of the best German Lyrical Poems. Selected by Dr. BUCHHEIM. Pott 8vo. 2s. 6d. net.

BALLADEN UND ROMANZEN. Selection of the best German Ballads and Romances. By the same. Pott 8vo. 2s. 6d. net.

**HUSS.**—A SYSTEM OF ORAL INSTRUCTION IN GERMAN, by means of Progressive Illustrations and Applications of the leading Rules of Grammar. By H. C. O. HUSS, Ph.D. Cr. 8vo. 5s.

**MACMILLAN'S PRIMARY SERIES OF GERMAN READING BOOKS.** Edited by G. E. FASNACHT. With Notes, Vocabularies, and Exercises. Gl. 8vo.

\***GRIMM—KINDER UND HAUSMÄRCHEN.** By G. E. FASNACHT. 2s. 6d.

\***HAUFF—DIE KARAVANE.** By HERMAN HAGER, Ph.D. 3s.

\***HAUFF—DAS WIRTSCHAUS IM SPESSART.** By G. E. FASNACHT. 3s.

\***SCHMID, CHR. VON—H. VON EICHENFELS.** By G. E. FASNACHT. 2s. 6d.

**MACMILLAN'S PROGRESSIVE GERMAN COURSE.** By G. E. FASNACHT. Gl. 8vo.

\***FIRST YEAR.** Easy Lessons and Rules on the Regular Accidence. 1s. 6d.

\***SECOND YEAR.** Conversational Lessons in Systematic Accidence and Elementary Syntax. With Philological Illustrations and Vocabulary. 3s. 6d.

**THE TEACHER'S COMPANION TO THE ABOVE.** With copious Notes, Hints for Different Renderings, Synonyms, Philological Remarks, etc. By G. E. FASNACHT. Ex. cap. 8vo. Each Year. 4s. 6d.

**MACMILLAN'S GERMAN COMPOSITION.** By G. E. FASNACHT. Gl. 8vo.

\***I. FIRST COURSE.** Parallel German-English Extracts and Parallel English German Syntax. 2s. 6d.

**THE TEACHER'S COMPANION TO THE ABOVE.** By G. E. FASNACHT. FIRST COURSE. Gl. 8vo. 4s. 6d.

**MACMILLAN'S PROGRESSIVE GERMAN READERS.** By G. E. FASNACHT. Gl. 8vo.

\***FIRST YEAR,** containing an Introduction to the German order of Words, with Copious Examples, extracts from German Authors in Prose and Poetry; Notes, and Vocabularies. 2s. 6d.

**MACMILLAN'S FOREIGN SCHOOL CLASSICS.**—Ed. by G. E. FASNACHT. Pott 8vo.

\***GOETHE—GÖTZ VON BERLICHINGEN.** By H. A. BULL, M.A. 2s.

\***GOETHE—FAUST.** PART I, followed by an Appendix on PART II. By JANE LEE, Lecturer at Newnham College, Cambridge. Revised Edition. 4s. 6d.

\***HEINE—SELECTIONS FROM THE REISEBILDER AND OTHER PROSE WORKS.** By C. COLBECK, M.A., Assistant Master at Harrow. 2s. 6d.

\***SCHILLER—SELECTIONS FROM SCHILLER'S LYRICAL POEMS.** With a Memoir. By E. J. TURNER, B.A., and E. D. A. MORSHEAD, M.A. 2s. 6d.

\***SCHILLER—DIE JUNGFRAU VON ORLEANS.** By JOSEPH GOSTWICK. 2s. 6d.

\***SCHILLER—MARIA STUART.** By C. SHELDON, D. Litt. 2s. 6d.

\***SCHILLER—WILHELM TELL.** By G. E. FASNACHT. 2s. 6d.

\***SCHILLER—WALLENSTEIN, DAS LAGER.** By H. B. COTTERILL, M.A. 2s.

\***SCHILLER—DER NEFFE ALS ONKEL.** By L. DYER, M.A. 2s.

\***UHLAND—SELECT BALLADS.** Adapted for Beginners. With Vocabulary. By G. E. FASNACHT. 1s.

\***PYLODET.**—NEW GUIDE TO GERMAN CONVERSATION; containing an Alphabetical List of nearly 800 Familiar Words; followed by Exercises, Vocabulary, Familiar Phrases and Dialogues. By L. PYLODET. Pott 8vo. 2s. 6d.

**SIEPMANN.—PUBLIC SCHOOL GERMAN COURSE.** By OTTO SIEPMANN, Assistant Master in Clifton College. [In the Press.]

A GERMAN PRIMER.

[In the Press.]

\***SMITH.—COMMERCIAL GERMAN.** By F. C. SMITH, M.A. Gl. 8vo. 3s. 6d.

**WHITNEY.—A COMPENDIOUS GERMAN GRAMMAR.** By W. D. WHITNEY, Prof. of Sanskrit, etc., in Yale College. Cr. 8vo. 4s. 6d.

A GERMAN READER IN PROSE AND VERSE. By the same. With Notes and Vocabulary. Cr. 8vo. 5s.

\***WHITNEY—EDGREN.—A COMPENDIOUS GERMAN AND ENGLISH DICTIONARY.** By Prof. W. D. WHITNEY and A. H. EDGREN. Cr. 8vo. 5s.

THE GERMAN-ENGLISH PART, separately, 3s. 6d.

## MODERN GREEK.

**CONSTANTINIDES.—NEO-HELLENICA.** Dialogues illustrative of the development of the Greek Language. By Prof. M. CONSTANTINIDES. Cr. 8vo. 6s. net.

**VINCENT—DICKSON.—HANDBOOK TO MODERN GREEK.** By Sir EDGAR VINCENT, K.C.M.G., and T. G. DICKSON, M.A. With Appendix on the relation of Modern and Classical Greek by Prof. JEBB. Cr. 8vo. 6s.

## ITALIAN.

DANTE.—With Translation and Notes, by A. J. BUTLER, M.A.

THE HELL. Cr. 8vo. 12s. 6d.

THE PURGATORY. 2nd Ed. Cr. 8vo. 12s. 6d.

THE PARADISE. 2nd Ed. Cr. 8vo. 12s. 6d.

THE CONVITO. Cr. 8vo.

READINGS ON THE PURGATORIO OF DANTE. Chiefly based on the Commentary of Benvenuto Da Imola. By Hon. W. WARREN VERNON, M.A. With Introduction by DEAN CHURCH. 2 vols. Cr. 8vo. 24s.

READINGS ON THE INFERNO OF DANTE. By Hon. W. W. VERNON, M.A. With Introduction, by Dr. MOORE. 2 Vols. Cr. 8vo. 30s.

THE DIVINE COMEDY. Transl. by C. E. NORTON. I. HELL. II. PURGATORY. III. PARADISE. Cr. 8vo. 6s. each. THE NEW LIFE. Cr. 8vo. 5s.

THE PURGATORY. Translated by C. L. SHADWELL, M.A. Ex. Cr. 8vo. 10s. net.

A COMPANION TO DANTE. From the German of G. A. SCARTAZZINI. By A. J. BUTLER, M.A. Cr. 8vo. 10s. 6d.

## SPANISH.

CALDERON.—FOUR PLAYS OF CALDERON. *El Principe Constante*, *La Vida es Sueno*, *El Alcalde de Zalamea*, and *El Escondido y La Tapada*. With Introduction and Notes. By NORMAN MACCOLL, M.A. Cr. 8vo. 14s.

\*DELBOS.—COMMERCIAL SPANISH. By Prof. LEON DELBOS. Gl. 8vo. 3s. 6d.

## MATHEMATICS.

Arithmetic, Book-keeping, Algebra, Euclid and Pure Geometry, Geometrical Drawing, Mensuration, Trigonometry, Analytical Geometry (Plane and Solid), Problems and Questions in Mathematics, Higher Pure Mathematics, Mechanics (Statics, Dynamics, Hydrostatics, Hydrodynamics: see also Physics), Physics (Sound, Light, Heat, Electricity, Elasticity, Attractions, &c.), Astronomy, Historical.

## ARITHMETIC.

\*ALDIS.—THE GREAT GIANT ARITHMOS. A most Elementary Arithmetic for Children. By MARY STEADMAN ALDIS. Illustrated. Gl. 8vo. 2s. 6d.

\*BRADSHAW.—A COURSE OF EASY ARITHMETICAL EXAMPLES FOR BEGINNERS. By J. G. BRADSHAW, B.A. Gl. 8vo. 2s. With Answers, 2s. 6d.

\*BROOKSMITH.—ARITHMETIC IN THEORY AND PRACTICE. By J. BROOKSMITH, M.A. Cr. 8vo. 4s. 6d. KEY, for Teachers only. Crown 8vo. 10s. 6d.

\*BROOKSMITH.—ARITHMETIC FOR BEGINNERS. By J. and E. J. BROOKSMITH. Gl. 8vo. 1s. 6d. KEY, for Teachers only. Cr. 8vo. 6s. 6d.

CANDLER.—HELP TO ARITHMETIC. For the use of Schools. By H. CANDLER, Mathematical Master of Uppingham School. 2nd Ed. Ex. fcaps. 8vo. 2s. 6d.

\*COLLAR.—NOTES ON THE METRIC SYSTEM. By GEO. COLLAR, B.A., B.Sc. Gl. 8vo. 3d.

\*DALTON.—RULES AND EXAMPLES IN ARITHMETIC. By Rev. T. DALTON, M.A., Senior Mathematical Master at Eton. With Answers. Pott 8vo. 2s. 6d.

\*GOYEN.—HIGHER ARITHMETIC AND ELEMENTARY MENSURATION. By P. GOYEN. Cr. 8vo. 5s. KEY AND COMPANION to above. Cr. 8vo. 10s. net.

\***HALL—KNIGHT.**—ARITHMETICAL EXERCISES AND EXAMINATION PAPERS. With an Appendix containing Questions in LOGARITHMS and MENSURATION. By H. S. HALL, M.A., Master of the Military Side, Clifton College, and S. R. KNIGHT, B.A. With or Without Answers. Gl. 8vo. 2s. 6d.

**HUNTER.**—DECIMAL APPROXIMATIONS. By H. St. J. HUNTER, M.A., Fellow of Jesus College, Cambridge. Pott 8vo. 1s. 6d.

\***JACKSON.**—COMMERCIAL ARITHMETIC. By S. JACKSON, M.A. Gl. 8vo. 3s. 6d.

**LOCK.**—Works by Rev. J. B. LOCK, M.A., Senior Fellow and Bursar of Gonville and Caius College, Cambridge.

\***ARITHMETIC FOR SCHOOLS.** Fifth Edition, thoroughly revised, 1894. Gl. 8vo. 4s. 6d.

\***ARITHMETIC FOR BEGINNERS.** A School Class-Book of Commercial Arithmetic. Gl. 8vo. 2s. 6d. KEY, for Teachers only. Cr. 8vo. 8s. 6d.

\***A SHILLING BOOK OF ARITHMETIC, FOR ELEMENTARY SCHOOLS.** Pott 8vo. 1s. With Answers. 1s. 6d. KEY, for Teachers only. Cr. 8vo. 8s. 6d.

**LOCK—COLLAR.**—ARITHMETIC FOR THE STANDARDS. By Rev. J. B. Lock, M.A., and GEO. COLLAR, B.A., B.Sc. Standards I. II. III. and IV., 2d. each; Standards V. VI. and VII., 3d. each. Answers to I. II. III. IV., 3d. each; to V. VI. and VII., 4d. each.

**MACMILLAN'S MENTAL ARITHMETIC.** For the Standards. Containing 6000 Questions and Answers. Standards I. II., 6d.; III. IV., 6d.; V. VI., 6d. Without Answers. Standards I. to VI. separately, 2d. each.

**MACMILLAN'S ARITHMETICAL TEST CARDS.**—Standards II., III., IV., V., contain 60 Cards each, and Answers; Standard VI. 48 Cards; Standard VII., 40 Cards. 1s. 6d. per packet.

\***PEDLEY.**—EXERCISES IN ARITHMETIC. By S. PEDLEY. Cr. 8vo. In Two Parts, 2s. 6d. each.

**SMITH.**—Works by Rev. BARNARD SMITH, M.A.

\***ARITHMETIC FOR SCHOOLS.** Cr. 8vo. 4s. 6d. KEY, for Teachers. 8s. 6d.

**EXERCISES IN ARITHMETIC.** Cr. 8vo. 2s. With Answers, 2s. 6d. Answers separately, 6d.

**SCHOOL CLASS-BOOK OF ARITHMETIC.** Pott 8vo. 3s. Or separately, in Three Parts, 1s. each. KEYS. Parts I. II. and III., 2s. 6d. each.

**SHILLING BOOK OF ARITHMETIC.** Pott 8vo. Or separately, Part I., 2d.; Part II., 3d.; Part III., 7d. Answers, 6d. KEY, for Teachers only. Pott 8vo. 4s. 6d.

\***THE SAME,** with Answers. Pott 8vo, cloth. 1s. 6d.

**EXAMINATION PAPERS IN ARITHMETIC.** Pott 8vo. 1s. 6d. The Same, with Answers. Pott 8vo. 2s. Answers, 6d. KEY. Pott 8vo. 4s. 6d.

**THE METRIC SYSTEM OF ARITHMETIC, ITS PRINCIPLES AND APPLICATIONS,** with Numerous Examples. Pott 8vo. 3d.

A CHART OF THE METRIC SYSTEM, on a Sheet, size 42 in. by 34 in. on Roller. New Ed. Revised by GEO. COLLAR, B.A., B.Sc. 4s. 6d.

**EASY LESSONS IN ARITHMETIC,** combining Exercises in Reading, Writing Spelling, and Dictation. Part I. Cr. 8vo. 6d.

**EXAMINATION CARDS IN ARITHMETIC.** With Answers and Hints. Standards I. and II., in box, 1s. Standards III. IV. and V., in boxes, 1s. each. Standard VI. in Two Parts, in boxes, 1s. each.

\***SMITH (BARNARD)—HUDSON.**—ARITHMETIC FOR SCHOOLS. By Rev. BARNARD SMITH, M.A., revised by W. H. H. HUDSON, M.A., Prof. of Mathematics, King's College, London. Cr. 8vo. 4s. 6d.

## BOOK-KEEPING.

**IERSON.**—A TEXT-BOOK OF BOOK-KEEPING. By F. H. IERSON.

[In preparation.]

\***THORNTON.**—FIRST LESSONS IN BOOK-KEEPING. By J. THORNTON. Cr. 8vo. 2s. 6d. KEY. Oblong 4to. 10s. 6d.

**EXERCISE BOOKS TO FIRST LESSONS IN BOOK-KEEPING.** No. 1, for Lessons I.-IX., 9d.; No. 2, for Test Exercises, 9d.; No. 3, for Test Exercises, 1s. 6d.; No. 4, for Lessons XIII. and XIV., 1s. 6d. Case to contain all the above, 6d. Complete set with case, 5s. No. 5, Condensed Edition for Working out a Selection on all the Lessons, 2s.; No. 6, Journal, 6d.

EXAMINATION PAPERS IN BOOK-KEEPING. 9d.  
KEY TO EXAMINATION PAPERS. 2s.

\*PRIMER OF BOOK-KEEPING. Pott 8vo. 1s. KEY. Demy 8vo. 2s. 6d.  
EXERCISE BOOKS TO PRIMER OF BOOK-KEEPING. Part I. Ledger;  
Part II. Journal. The Set, 1s.  
\*EASY EXERCISES IN BOOK-KEEPING. Pott 8vo. 1s.  
\*MANUAL OF BOOK-KEEPING. Gl. 8vo. 7s. 6d.

## ALGEBRA.

\*DALTON.—RULES AND EXAMPLES IN ALGEBRA. By Rev. T. DALTON, late Senior Mathematical Master at Eton. Part I. Pott 8vo. 2s. KEY. Cr. 8vo. 7s. 6d. Part II. Pott 8vo. 2s. 6d.

DUPUIS.—PRINCIPLES OF ELEMENTARY ALGEBRA. By N. F. DUPUIS, M.A., Professor of Mathematics, University of Queen's College, Kingston, Canada. Cr. 8vo. 6s.

HALL—KNIGHT.—Works by H. S. HALL, M.A., Master of the Military Side, Clifton College, and S. R. KNIGHT, B.A., M.B., Ch.B.

\*ALGEBRA FOR BEGINNERS. Gl. 8vo. 2s. With Answers. 2s. 6d.

\*ELEMENTARY ALGEBRA FOR SCHOOLS. 6th Ed. Gl. 8vo. 3s. 6d. With Answers, 4s. 6d. Answers, 1s. KEY, for Teachers only. 8s. 6d.

\*ALGEBRAICAL EXERCISES AND EXAMINATION PAPERS. To accompany ELEMENTARY ALGEBRA. 2nd Ed., revised. With or Without Answers. Gl. 8vo. 2s. 6d.

\*HIGHER ALGEBRA. 4th Ed. Cr. 8vo. 7s. 6d. KEY. Cr. 8vo. 10s. 6d.

\*JARMAN.—ALGEBRAIC FACTORS. By J. ABBOT JARMAN. Gl. 8vo. 2s. With Answers, 2s. 6d.

\*JONES—CHEYNE.—ALGEBRAICAL EXERCISES. Progressively Arranged. By Rev. C. A. JONES and C. H. CHEYNE, M.A., late Mathematical Masters at Westminster School. Pott 8vo. 2s. 6d.

KEY, for Teachers. By Rev. W. FAILS, M.A. Cr. 8vo. 7s. 6d.

SMITH.—Works by CHARLES SMITH, M.A., Master of Sidney Sussex College, Cambridge.

\*ELEMENTARY ALGEBRA. 2nd Ed., revised. Gl. 8vo. 4s. 6d. KEY, for Teachers only. Cr. 8vo. 10s. 6d.

\*A TREATISE ON ALGEBRA. 4th Ed. Cr. 8vo. 7s. 6d. KEY. Cr. 8vo. 10s. 6d.

TODHUNTER.—Works by ISAAC TODHUNTER, F.R.S.

\*ALGEBRA FOR BEGINNERS. Pott 8vo. 2s. 6d. KEY. Cr. 8vo. 6s. 6d.

\*ALGEBRA FOR COLLEGES AND SCHOOLS. By ISAAC TODHUNTER, F.R.S. Cr. 8vo. 7s. 6d. KEY, for Teachers. Cr. 8vo. 10s. 6d.

## EUCLID AND PURE GEOMETRY.

\*BRADSHAW.—A FIRST STEP IN EUCLID. By J. G. BRADSHAW. Gl. 8vo. 1s. 6d.

COCKSHOTT—WALTERS.—A TREATISE ON GEOMETRICAL CONICS. By A. COCKSHOTT, M.A., Assistant Master at Eton, and Rev. F. B. WALTERS, M.A., Principal of King William's College, Isle of Man. Cr. 8vo. 5s.

CONSTABLE.—GEOMETRICAL EXERCISES FOR BEGINNERS. By SAMUEL CONSTABLE. Cr. 8vo. 3s. 6d.

CUTHBERTSON.—EUCLIDIAN GEOMETRY. By FRANCIS CUTHBERTSON, M.A., LL.D. Ex. fcap. 8vo. 4s. 6d.

DAY.—PROPERTIES OF CONIC SECTIONS PROVED GEOMETRICALLY. By Rev. H. G. DAY, M.A. Part I. The Ellipse, with an ample collection of Problems. Cr. 8vo. 3s. 6d.

\*DEAKIN.—RIDER PAPERS ON EUCLID. BOOKS I. AND II. By RUPERT DEAKIN, M.A. Pott 8vo. 1s.

DODGSON.—Works by CHARLES L. DODGSON, M.A., Student and late Mathematical Lecturer, Christ Church, Oxford.

EUCLID, BOOKS I. AND II. 6th Ed., with words substituted for the Algebraical Symbols used in the 1st Ed. Cr. 8vo. 2s.

EUCLID AND HIS MODERN RIVALS. 2nd Ed. Cr. 8vo. 6s.

CURIOSA MATHEMATICA. Part I. A New Theory of Parallels. 3rd Ed. Cr. 8vo. 2s. Part II. Pillow Problems. 2nd Ed. Cr. 8vo. 2s.

DREW.—GEOMETRICAL TREATISE ON CONIC SECTIONS. By W. H. DREW, M.A. New Ed., enlarged. Cr. 8vo. 5s.

DUPUIS.—ELEMENTARY SYNTHETIC GEOMETRY OF THE POINT, LINE, AND CIRCLE IN THE PLANE. By N. F. DUPUIS, M.A., Professor of Mathematics, University of Queen's College, Kingston, Canada. Gl. 8vo. 4s. 6d.

SYNTHETIC SOLID GEOMETRY. Cr. 8vo. 6s. 6d. net.

EDWARDS.—ELEMENTS OF GEOMETRY. By G. C. EDWARDS. Gl. 8vo. [In the Press.]

\*HALL—STEVENS.—A TEXT-BOOK OF EUCLID'S ELEMENTS. By H. S. HALL, M.A., and F. H. STEVENS, M.A., Masters of the Military Side, Clifton College. Gl. 8vo. Book I., 1s.; Books I. and II., 1s. 6d.; Books I.-III., 2s. 6d.; sewed, 2s.; Books II. and III., 2s.; Books I.-IV., 3s.; Books III.-IV., 2s.; Books III.-VI., 3s.; Books V.-VI. and XI., 2s. 6d.; Books I.-VI. and XI., 4s. 6d.; Book XI., 1s. KEY to Books I.-IV., 6s. 6d. KEY to VI. and XI., 3s. 6d.

HALSTED.—THE ELEMENTS OF GEOMETRY. By G. B. HALSTED, Professor of Pure and Applied Mathematics in the University of Texas. 8vo. 12s. 6d.

HAYWARD.—THE ELEMENTS OF SOLID GEOMETRY. By R. B. HAYWARD, M.A., F.R.S. Gl. 8vo. 3s.

LACHLAN.—AN ELEMENTARY TREATISE ON MODERN PURE GEOMETRY. By R. LACHLAN, M.A. 8vo. 9s.

\*LOCK.—THE FIRST BOOK OF EUCLID'S ELEMENTS ARRANGED FOR BEGINNERS. By Rev. J. B. LOCK, M.A. Gl. 8vo. 1s. 6d.

M'CLELLAND.—A TREATISE ON THE GEOMETRY OF THE CIRCLE, and some extensions to Conic Sections by the Method of Reciprocation. By W. J. M'CLELLAND, M.A. Cr. 8vo. 6s.

MILNE—DAVIS.—GEOMETRICAL CONICS. By Rev. J. J. MILNE, M.A., and R. F. DAVIS, M.A. Cr. 8vo. 4s. 6d.; or, Part I. The Parabola. 2s. Part II. The Central Conic. 3s.

MUKHOPADHYAY.—GEOMETRICAL CONIC SECTIONS. By ASUTOSH MUKHOPADHYAY, M.A., F.R.S.E. Cr. 8vo. 4s. 6d.

RICHARDSON—RAMSEY.—MODERN PLANE GEOMETRY. By Rev. G. RICHARDSON, Second Master of Winchester College, and A. S. RAMSEY, Fettes College, Edinburgh. Gl. 8vo. 3s. 6d.

\*RICHARDSON.—THE PROGRESSIVE EUCLID. Books I. and II. With Notes, Exercises, and Deductions. Edited by A. T. RICHARDSON, M.A. Gl. 8vo. 2s. 6d.

SMITH.—GEOMETRICAL CONICS. By CHARLES SMITH, M.A., Master of Sidney Sussex College, Cambridge. Cr. 8vo. 6s.

SMITH.—INTRODUCTORY MODERN GEOMETRY OF POINT, RAY, AND CIRCLE. By W. B. SMITH, A.M., Ph.D., Professor of Mathematics, Missouri University. Cr. 8vo. 5s.

SYLLABUS OF PLANE GEOMETRY (corresponding to Euclid, Books I.-VI.)—Prepared by the Geometrical Association. Cr. 8vo. 1s.

SYLLABUS OF MODERN PLANE GEOMETRY.—Prepared by the Association for the Improvement of Geometrical Teaching. Cr. 8vo. Sewed. 1s.

\*TODHUNTER.—THE ELEMENTS OF EUCLID. By I. TODHUNTER, F.R.S. Pott 8vo. 3s. 6d. \*Books I. and II. 1s. KEY. Cr. 8vo. 6s. 6d.

\*WEEKS.—EXERCISES IN EUCLID, GRADUATED AND SYSTEMATIZED. By W. WEEKS, Lecturer in Geometry, Training College, Exeter. Pott 8vo. 2s.

WILSON.—Works by Archdeacon WILSON, M.A., late Headmaster of Clifton College. ELEMENTARY GEOMETRY. BOOKS I.-V. (Corresponding to Euclid. Books I.-VI.) Following the Syllabus of the Geometrical Association. Gl. 8vo. 4s. 6d.

SOLID GEOMETRY AND CONIC SECTIONS. With Appendices on Transversals and Harmonic Division. Ex. fcap. 8vo. 3s. 6d.

## GEOMETRICAL DRAWING.

**EAGLES.**—CONSTRUCTIVE GEOMETRY OF PLANE CURVES. By T. H. EAGLES, M.A., Instructor, Roy. Indian Engineering Coll. Cr. 8vo. 12s.

**EDGAR — PRITCHARD.** — NOTE - BOOK ON PRACTICAL SOLID OR DESCRIPTIVE GEOMETRY. Containing Problems with help for Solutions. By J. H. EDGAR and G S. PRITCHARD. 4th Ed. Gl. 8vo. 4s. 6d.

**HARRISON—BAXANDALL.**—PRACTICAL PLANE AND SOLID GEOMETRY. With an Introduction to Graphic Statics. By J. HARRISON, M.Inst. M.E., etc., Instructor, and G. A. BAXANDALL, Assistant Instructor, Royal College of Science, London. Part I. Elementary. Gl. 8vo. 2s. 6d.

\***KITCHENER.**—A GEOMETRICAL NOTE-BOOK. Containing Easy Problems in Geometrical Drawing. By F. E. KITCHENER, M.A. 4to. 2s.

**MILLAR.**—ELEMENTS OF DESCRIPTIVE GEOMETRY. By J. B. MILLAR, Lecturer on Engineering in the Owens College, Manchester. Cr. 8vo. 6s.

**PLANT.**—PRACTICAL PLANE AND DESCRIPTIVE GEOMETRY. By E. C. PLANT. [In preparation.]

**SPANTON.**—SCIENCE AND ART DRAWING. By J. H. SPANTON, H.M.S. Britannia, Gold Medallist, Science and Art Department. 8vo. I. Geometrical. 10s. net. [II. Perspective; III. Mechanical, in the Press.]

## MENSURATION.

**GOYEN.**—(See Arithmetic, page 22.)

**STEVENS.**—ELEMENTARY MENSURATION. With Exercises on the Mensuration of Plane and Solid Figures. By F. H. STEVENS, M.A. Gl. 8vo. 4s. 6d.

**TEBAY.**—ELEMENTARY MENSURATION FOR SCHOOLS. By S. TEBAY. Ex. fcap. 8vo. 3s. 6d.

\***TODHUNTER.**—MENSURATION FOR BEGINNERS. By ISAAC TODHUNTER, F.R.S. Pott 8vo. 2s. 6d. KEY. By Rev. FR. L. McCARTHY. Cr. 8vo. 7s. 6d.

## TRIGONOMETRY.

**BOTTOMLEY.**—FOUR-FIGURE MATHEMATICAL TABLES. Comprising Logarithmic and Trigonometrical Tables, and Tables of Squares, Square Roots, and Reciprocals. By J. T. BOTTOMLEY, M.A., Lecturer in Natural Philosophy in the University of Glasgow. 8vo. 2s. 6d.

**HALL—KNIGHT.**—Works by H. S. HALL, M.A., and S. R. KNIGHT, B.A.

\***ELEMENTARY TRIGONOMETRY.** Gl. 8vo. 4s. 6d. KEY. Cr. 8vo. 8s. 6d.

HIGHER TRIGONOMETRY. [In preparation.]

**HAYWARD.**—THE ALGEBRA OF CO-PLANAR VECTORS AND TRIGONOMETRY. By R. B. HAYWARD, M.A., F.R.S. Cr. 8vo. 8s. 6d.

**JOHNSON.**—A TREATISE ON TRIGONOMETRY. By W. E. JOHNSON, M.A., late Mathematical Lecturer at King's College, Cambridge. Cr. 8vo. 8s. 6d.

**JONES.**—LOGARITHMIC TABLES. By Prof. G. W. JONES, Cornell University. 8vo. 4s. 6d. net.

[Three-digit numbers to four places; four-digit numbers to six places; primes below 20,000 to ten places; mathematical and physical constants; addition-subtraction logarithms; trigonometric logarithms to four and six places; squares, cubes, roots, reciprocals, and prime factors; interpolation coefficients; error and probability tables.]

\***LEVETT—DAVISON.**—THE ELEMENTS OF PLANE TRIGONOMETRY. By RAWDON LEVETT, M.A., and C. DAVISON, M.A., Assistant Masters at King Edward's School, Birmingham. Gl. 8vo. 6s. 6d. ; or, in 2 parts, 3s. 6d. each.

**LOCK.**—Works by Rev. J. B. LOCK, M.A.

\***THE TRIGONOMETRY OF ONE ANGLE.** Gl. 8vo. 2s. 6d.

\***TRIGONOMETRY FOR BEGINNERS,** as far as the Solution of Triangles. 3rd Ed. Gl. 8vo. 2s. 6d. KEY, for Teachers only. Cr. 8vo. 6s. 6d.

\***ELEMENTARY TRIGONOMETRY.** 6th Ed. Gl. 8vo. 4s. 6d. KEY, for Teachers only. Cr. 8vo. 8s. 6d.

**HIGHER TRIGONOMETRY.** 5th Ed. 4s. 6d. Both Parts complete in One Volume. 7s. 6d. [KEY in preparation.]

**M'CLELLAND—PRESTON.**—A TREATISE ON SPHERICAL TRIGONOMETRY. By W. J. M'CLELLAND, M.A., and T. PRESTON, M.A. Cr. 8vo. 8s. 6d., or: Part I. To the End of Solution of Triangles, 4s. 6d. Part II., 5s. MATTHEWS.—MANUAL OF LOGARITHMS. By G. F. MATTHEWS, B.A. 8vo. 5s. net.

**PALMER.—PRACTICAL LOGARITHMS AND TRIGONOMETRY.** By J. H. PALMER, Headmaster, R.N., H.M.S. *Cambridge*, Devonport. Gl. 8vo. 4s. 6d. **SNOWBALL.—THE ELEMENTS OF PLANE AND SPHERICAL TRIGONOMETRY.** By J. C. SNOWBALL. 14th Ed. Cr. 8vo. 7s. 6d.

**TODHUNTER.—Works by ISAAC TODHUNTER, F.R.S.**

\***TRIGONOMETRY FOR BEGINNERS.** Pott 8vo. 2s. 6d. KEY. Cr. 8vo. 8s. 6d. **PLANE TRIGONOMETRY.** Cr. 8vo. 5s. KEY. Cr. 8vo. 10s. 6d.

A TREATISE ON SPHERICAL TRIGONOMETRY. Cr. 8vo. 4s. 6d.

**TODHUNTER—HOGG.—PLANE TRIGONOMETRY.** By ISAAC TODHUNTER. Revised by R. W. Hogg, M.A. Cr. 8vo. 5s. KEY. Cr. 8vo. 10s. 6d.

**WOLSTENHOLME.—EXAMPLES FOR PRACTICE IN THE USE OF SEVEN-FIGURE LOGARITHMS.** By JOSEPH WOLSTENHOLME, D.Sc., late Professor of Mathematics, Royal Indian Engineering Coll., Cooper's Hill. 8vo. 5s.

## ANALYTICAL GEOMETRY (Plane and Solid).

**DYER.—EXERCISES IN ANALYTICAL GEOMETRY.** By J. M. DYER, M.A., Assistant Master at Eton. Illustrated. Cr. 8vo. 4s. 6d.

**FERRERS.—AN ELEMENTARY TREATISE ON TRILINEAR CO-ORDINATES,** the Method of Reciprocal Polars, and the Theory of Projectors. By Rev. N. M. FERRERS, D.D., F.R.S. 4th Ed., revised. Cr. 8vo. 6s. 6d.

**FROST.—Works by PERCIVAL FROST, D.Sc., F.R.S., Fellow and Mathematical Lecturer at King's College, Cambridge.**

AN ELEMENTARY TREATISE ON CURVE TRACING. 8vo. 12s.

**SOLID GEOMETRY.** 3rd Ed. Demy 8vo. 16s.

HINTS FOR THE SOLUTION OF PROBLEMS in the above. 8vo. 8s. 6d.

**JOHNSON.—CURVE TRACING IN CARTESIAN CO-ORDINATES.** By W. WOOLSEY JOHNSON, Professor of Mathematics at the U.S. Naval Academy, Annapolis, Maryland. Cr. 8vo. 4s. 6d.

\***LONEY.—ELEMENTS OF CO-ORDINATE GEOMETRY.** By S. L. LONEY, M.A. Gl. 8vo. 4s. 6d.

**PUCKLE.—AN ELEMENTARY TREATISE ON CONIC SECTIONS AND ALGEBRAIC GEOMETRY.** By G. H. PUCKLE, M.A. 5th Ed. Cr. 8vo. 7s. 6d.

**SCOTT.—AN INTRODUCTORY ACCOUNT OF CERTAIN MODERN IDEAS AND METHODS IN PLANE ANALYTICAL GEOMETRY.** By CHARLOTTE A. SCOTT, D.Sc., Professor of Mathematics in Bryn Mawr College, Penn. 8vo. 10s. net.

**SMITH.—Works by CHAS. SMITH, M.A., Master of Sidney Sussex Coll., Cambridge.**

CONIC SECTIONS. 7th Ed. Cr. 8vo. 7s. 6d. KEY. Cr. 8vo. 10s. 6d.

AN ELEMENTARY TREATISE ON SOLID GEOMETRY. Cr. 8vo. 9s. 6d.

**TODHUNTER.—Works by ISAAC TODHUNTER, F.R.S.**

PLANE CO-ORDINATE GEOMETRY, as applied to the Straight Line and the Conic Sections. Cr. 8vo. 7s. 6d. KEY. Cr. 8vo. 10s. 6d.

EXAMPLES OF ANALYTICAL GEOMETRY OF THREE DIMENSIONS. New Ed., revised. Cr. 8vo. 4s.

## PROBLEMS & QUESTIONS IN MATHEMATICS.

**BALL.—MATHEMATICAL RECREATIONS AND PROBLEMS OF PAST AND PRESENT TIMES.** By W. W. ROUSE BALL, M.A., Fellow and Lecturer of Trinity College, Cambridge. 2nd Ed. Cr. 8vo. 7s. net.

**CAMBRIDGE SENATE-HOUSE PROBLEMS AND RIDERS, WITH SOLUTIONS—1875—PROBLEMS AND RIDERS.** By A. G. GREENHILL, F.R.S. Cr. 8vo. 8s. 6d.

1878—SOLUTIONS OF SENATE-HOUSE PROBLEMS. Edited by J. W. L. GLAISTER, F.R.S., Fellow of Trinity College, Cambridge. Cr. 8vo. 12s.

**CHRISTIE.—A COLLECTION OF ELEMENTARY TEST-QUESTIONS IN PURE AND MIXED MATHEMATICS.** By J. R. CHRISTIE, F.R.S. Cr. 8vo. 8s. 6d.

CLIFFORD.—MATHEMATICAL PAPERS. By W. K. CLIFFORD. 8vo. 30s.  
 MACMILLAN'S MENTAL ARITHMETIC. (See page 23.)  
 MILNE.—WEEKLY PROBLEM PAPERS. By Rev. J. J. MILNE, M.A. Pott 8vo.  
 4s. 6d.  
 SOLUTIONS TO THE ABOVE. By the same. Cr. 8vo. 10s. 6d.  
 COMPANION TO WEEKLY PROBLEM PAPERS. Cr. 8vo. 10s. 6d.  
 \*RICHARDSON.—PROGRESSIVE MATHEMATICAL EXERCISES FOR HOME  
 WORK. By A. T. RICHARDSON, M.A. Gl. 8vo. First Series. 2s. With  
 Answers, 2s. 6d. Second Series. 3s. With Answers, 3s. 6d.  
 SANDHURST MATHEMATICAL PAPERS, for Admission into the Royal Military  
 College, 1881-1889. Edited by E. J. BROOKSMITH, B.A. Cr. 8vo. 3s. 6d.  
 THOMAS.—ENUNCIATIONS IN ARITHMETIC, ALGEBRA, EUCLID, AND  
 TRIGONOMETRY, with Examples. By P. A. THOMAS, B.A. Gl. 8vo. 2s.  
 WOOLWICH MATHEMATICAL PAPERS, for Admission into the Royal Military  
 Academy, Woolwich, 1885-1894 inclusive. By E. J. BROOKSMITH, B.A.  
 Cr. 8vo. 6s.  
 WOLSTENHOLME.—MATHEMATICAL PROBLEMS, on Subjects included in  
 the First and Second Divisions of Cambridge Mathematical Tripos. By JOSEPH  
 WOLSTENHOLME, D.Sc. 3rd Ed., greatly enlarged. 8vo. 18s.  
 EXAMPLES FOR PRACTICE IN THE USE OF SEVEN-FIGURE LOG-  
 ARITHMS. By the same. 8vo. 5s.

### HIGHER PURE MATHEMATICS.

AIRY.—Works by Sir G. B. AIRY, K.C.B., formerly Astronomer-Royal.  
 ELEMENTARY TREATISE ON PARTIAL DIFFERENTIAL EQUATIONS  
 With Diagrams. 2nd Ed. Cr. 8vo. 5s. 6d.  
 ON THE ALGEBRAICAL AND NUMERICAL THEORY OF ERRORS OF  
 OBSERVATIONS AND THE COMBINATION OF OBSERVATIONS.  
 2nd Ed., revised. Cr. 8vo. 6s. 6d.  
 BOOLE.—THE CALCULUS OF FINITE DIFFERENCES. By G. BOOLE. 3rd  
 Ed., revised by J. F. MOULTON, Q.C. Cr. 8vo. 10s. 6d.  
 DIXON.—ELLIPTIC FUNCTIONS. By A. C. DIXON, M.A. Globe 8vo. 5s.  
 EDWARDS.—THE DIFFERENTIAL CALCULUS. By JOSEPH EDWARDS, M.A.  
 With Applications and numerous Examples. New Ed. 8vo. 14s.  
 DIFFERENTIAL CALCULUS FOR SCHOOLS. By the Same. Gl. 8vo. 4s. 6d.  
 THE INTEGRAL CALCULUS. By the same. [In the Press.  
 THE INTEGRAL CALCULUS FOR BEGINNERS. By the same. Gl. 8vo. 4s. 6d.  
 FORSYTH.—A TREATISE ON DIFFERENTIAL EQUATIONS. By A. R. FOR-  
 SYTH, F.R.S., Regius Professor of Mathematics in the University of Cambridge.  
 2nd Ed. 8vo. 14s.  
 GRAHAM.—GEOMETRY OF POSITION. By R. H. GRAHAM. Cr. 8vo. 7s. 6d.  
 GRAY—MATHews.—TREATISE ON BESSEL FUNCTIONS. By Prof. A GRAY  
 and Prof. G. B. MATHews. 8vo. 14s. net.  
 GREENHILL.—DIFFERENTIAL AND INTEGRAL CALCULUS. By A. G.  
 GREENHILL, Professor of Mathematics to the Senior Class of Artillery Officers,  
 Woolwich. New Ed. Cr. 8vo. 10s. 6d.  
 APPLICATIONS OF ELLIPTIC FUNCTIONS. By the same. 8vo. 12s.  
 HARKNESS—MORLEY. A TREATISE ON THE THEORY OF FUNCTIONS.  
 By J. HARKNESS, M.A., and F. MORLEY, M.A. 8vo. 18s. net.  
 ELEMENTARY TREATISE ON THE THEORY OF FUNCTIONS. [In the Press.  
 HEMMING.—AN ELEMENTARY TREATISE ON THE DIFFERENTIAL AND  
 INTEGRAL CALCULUS. By G. W. HEMMING, M.A. 2nd Ed. 8vo. 9s.  
 JOHNSON.—Works by W. W. JOHNSON, Professor of Mathematics at the U.S.  
 Naval Academy.  
 INTEGRAL CALCULUS, an Elementary Treatise. Founded on the Method  
 of Rates or Fluxions. 8vo. 9s.  
 A TREATISE ON ORDINARY AND DIFFERENTIAL EQUATIONS. Ex. cr.  
 8vo. 15s.  
 KELLAND—TAIT.—INTRODUCTION TO QUATERNIONS, with numerous  
 examples. By P. KELLAND and P. G. TAIT, Professors in the Department of  
 Mathematics in the University of Edinburgh. 2nd Ed. Cr. 8vo. 7s. 6d.

**KEMPE.**—HOW TO DRAW A STRAIGHT LINE: a Lecture on Linkages. By A. B. KEMPE. Illustrated. Cr. 8vo. 1s. 6d.

**RICE—JOHNSON.**—AN ELEMENTARY TREATISE ON THE DIFFERENTIAL CALCULUS. Founded on the Method of Rates or Fluxions. By J. M. RICE and W. W. JOHNSON. 3rd Ed. 8vo. 18s. Abridged Ed. 9s.

**TODHUNTER.**—Works by ISAAC TODHUNTER, F.R.S.

AN ELEMENTARY TREATISE ON THE THEORY OF EQUATIONS. Cr. 8vo. 7s. 6d.

A TREATISE ON THE DIFFERENTIAL CALCULUS. Cr. 8vo. 10s. 6d. KEY. Cr. 8vo. 10s. 6d.

A TREATISE ON THE INTEGRAL CALCULUS AND ITS APPLICATIONS. Cr. 8vo. 10s. 6d. KEY. Cr. 8vo. 10s. 6d.

A HISTORY OF THE MATHEMATICAL THEORY OF PROBABILITY, from the time of Pascal to that of Laplace. 8vo. 18s.

**WELD.**—SHORT COURSE IN THE THEORY OF DETERMINANTS. By L. G. WELD, M.A. Cr. 8vo. 7s. 6d.

**MECHANICS:** Statics, Dynamics, Hydrostatics, Hydrodynamics. (See also Physics.)

**ALEXANDER—THOMSON.**—ELEMENTARY APPLIED MECHANICS. By Prof. T. ALEXANDER and A. W. THOMSON. Part II. Transverse Stress. Cr. 8vo. 10s. 6d.

**BALL.**—EXPERIMENTAL MECHANICS. A Course of Lectures delivered at the Royal College of Science, Dublin. By Sir R. S. BALL, F.R.S. 2nd Ed. Illustrated. Cr. 8vo. 6s.

**CLIFFORD.**—THE ELEMENTS OF DYNAMIC. An Introduction to the Study of Motion and Rest in Solid and Fluid Bodies. By W. K. CLIFFORD. Part I.—Kinematic. Cr. 8vo. Books I.—III. 7s. 6d.; Book IV. and Appendix, 6s.

**COTTERILL.**—APPLIED MECHANICS: An Elementary General Introduction to the Theory of Structures and Machines. By J. H. COTTERILL, F.R.S., Professor of Applied Mechanics in the Royal Naval College, Greenwich. 4th Ed. Revised and Enlarged. 8vo. 18s.

**COTTERILL—SLADE.**—LESSONS IN APPLIED MECHANICS. By Prof. J. H. COTTERILL and J. H. SLADE. Fcap. 8vo. 5s. 6d.

**GANGUILLET—KUTTER.**—A GENERAL FORMULA FOR THE UNIFORM FLOW OF WATER IN RIVERS AND OTHER CHANNELS. By E. GANGUILLET and W. R. KUTTER. Translated by R. HERING and J. C. TRAUTWINE. 8vo. 17s.

**GRAHAM.**—GEOMETRY OF POSITION. By R. H. GRAHAM. Cr. 8vo. 7s. 6d.

\***GREAVES.**—STATICS FOR BEGINNERS. By JOHN GREAVES, M.A., Fellow and Mathematical Lecturer at Christ's College, Cambridge. Gl. 8vo. 3s. 6d.

A TREATISE ON ELEMENTARY STATICS. By the same. Cr. 8vo. 5s.

**GREENHILL.**—TREATISE ON HYDROSTATICS. By A. G. GREENHILL, Professor of Mathematics to the Senior Class of Artillery Officers, Woolwich. Cr. 8vo. 7s. 6d.

**HERTZ.**—PRINCIPLES OF MECHANICS. By Prof. H. HERTZ. Translated by D. E. JONES, B.Sc., and J. T. WALLEY. 8vo. [In the Press.]

\***HICKS.**—ELEMENTARY DYNAMICS OF PARTICLES AND SOLIDS. By W. M. HICKS, D.Sc., Principal and Professor of Mathematics and Physics, Firth College, Sheffield. Cr. 8vo. 6s. 6d.

**HOSKINS.**—ELEMENTS OF GRAPHIC STATICS. By L. M. HOSKINS. 8vo. 10s. net.

**KENNEDY.**—THE MECHANICS OF MACHINERY. By A. B. W. KENNEDY, F.R.S. Illustrated. Cr. 8vo. 8s. 6d.

**LANGMAID—GAISFORD.**—(See Engineering, p. 44.)

**LOCK.**—Works by Rev. J. B. LOCK, M.A.

\***MECHANICS FOR BEGINNERS.** Gl. 8vo. MECHANICS OF SOLIDS. 2s. 6d.

\***ELEMENTARY STATICS.** 2nd Ed. Gl. 8vo. 3s. 6d. KEY. Cr. 8vo. 8s. 6d.

\***ELEMENTARY DYNAMICS.** 3rd Ed. Gl. 8vo. 3s. 6d. KEY. Cr. 8vo. 8s. 6d.

\***ELEMENTARY DYNAMICS AND STATICS.** Gl. 8vo. 6s. 6d.

MACGREGOR.—KINEMATICS AND DYNAMICS. An Elementary Treatise. By J. G. MACGREGOR, D.Sc., Munro Professor of Physics in Dalhousie College, Halifax, Nova Scotia. Illustrated. Cr. 8vo. 10s. 6d.

PARKINSON.—AN ELEMENTARY TREATISE ON MECHANICS. By S. PARKINSON, D.D., F.R.S., late Tutor and Praelector of St. John's College, Cambridge. 6th Ed., revised. Cr. 8vo. 9s. 6d.

PIRIE.—LESSONS ON RIGID DYNAMICS. By Rev. G. PIRIE, M.A., Professor of Mathematics in the University of Aberdeen. Cr. 8vo. 6s.

ROUTH.—Works by EDWARD JOHN ROUTH, D.Sc., LL.D., F.R.S., Hon. Fellow of St. Peter's College, Cambridge.

A TREATISE ON THE DYNAMICS OF THE SYSTEM OF RIGID BODIES. With numerous Examples. Two vols. 8vo. 5th Ed. Vol. I.—Elementary Parts. 14s. Vol. II.—The Advanced Parts. 14s.

STABILITY OF A GIVEN STATE OF MOTION, PARTICULARLY STEADY MOTION. Adams Prize Essay for 1877. 8vo. 8s. 6d.

\*SANDERSON.—HYDROSTATICS FOR BEGINNERS. By F. W. SANDERSON, M.A., Headmaster of Oundle School. Gl. 8vo. 2s. 6d.

SYLLABUS OF ELEMENTARY DYNAMICS. Part I. Linear Dynamics. With an Appendix on the Meanings of the Symbols in Physical Equations. Prepared by the Association for the Improvement of Geometrical Teaching. 4to. 1s.

TAIT—STEELE.—A TREATISE ON DYNAMICS OF A PARTICLE. By Professor TAIT, M.A., and W. J. STEELE, B.A. 6th Ed., revised. Cr. 8vo. 12s.

TODHUNTER.—Works by ISAAC TODHUNTER, F.R.S.

\*MECHANICS FOR BEGINNERS. Pott 8vo. 4s. 6d. KEY. Cr. 8vo. 6s. 6d.

A TREATISE ON ANALYTICAL STATICS. 5th Ed. Edited by Prof. J. D. EVERETT, F.R.S. Cr. 8vo. 10s. 6d.

WEISBACH—HERRMANN.—MECHANICS OF HOISTING MACHINERY. By Dr. J. WEISBACH and Prof. G. HERRMANN. Translated by K. P. DAHLSTROM, M.E. 8vo. 12s. 6d. net.

YEO.—MARINE STEAM-ENGINE. By J. YEO, Instructor in Steam and Marine Steam Engine, Royal Naval College, Greenwich. 8vo. 7s. 6d. net.

ZIWET.—AN ELEMENTARY TREATISE ON THEORETICAL MECHANICS. By Prof. A. ZIWET. 8vo. Part I. KINEMATICS. 8s. 6d. net. Part II. INTRODUCTION TO DYNAMICS. STATICS. 8s. 6d. net. Part III. KINETICS. 8s. 6d. net.

## PHYSICS: Sound, Light, Heat, Electricity, Elasticity, Attractions, etc. (See also Mechanics.)

AIRY.—ON SOUND AND ATMOSPHERIC VIBRATIONS. By Sir G. B. AIRY, K.C.B. With the Mathematical Elements of Music. Cr. 8vo. 9s.

ALDOUS.—PHYSICS FOR SCHOOLS. By Rev. J. C. P. ALDOUS, H.M.S. "Britannia," Dartmouth. [In the Press.]

BARKER.—PHYSICS. Advanced Course. By Prof. G. F. BARKER. 8vo. 21s.

CUMMING.—AN INTRODUCTION TO THE THEORY OF ELECTRICITY. By LINNAEUS CUMMING, M.A. Illustrated. 4th Edition. Cr. 8vo. 8s. 6d.

DANIELL.—A TEXT-BOOK OF THE PRINCIPLES OF PHYSICS. By ALFRED DANIELL, D.Sc. Illustrated. 3rd Ed., revised and enlarged, 1895. 8vo. 21s.

DAY.—ELECTRIC LIGHT ARITHMETIC. By R. E. DAY. Pott 8vo. 2s.

EARL.—PRACTICAL LESSONS IN PHYSICAL MEASUREMENT. By Alfred Earl, M.A. Illustrated. Crown 8vo. 5s.

EVERETT.—ILLUSTRATIONS OF THE C. G. S. SYSTEM OF UNITS WITH TABLES OF PHYSICAL CONSTANTS. By J. D. EVERETT, F.R.S., Professor of Natural Philosophy, Queen's College, Belfast. New Ed. Ex. fcap. 8vo. 5s.

FESSENDEN.—PHYSICS FOR PUBLIC SCHOOLS. By C. FESSENDEN, Principal of the Collegiate Institute, Peterboro, Ontario. Illustrated. Fcap. 8vo. 3s.

GEE—WRAPSON.—MATHEMATICAL AND PHYSICAL TABLES. By W. W. H. GEE, B.Sc., and J. WRAPSON. [In the Press.]

GRAY.—THE THEORY AND PRACTICE OF ABSOLUTE MEASUREMENTS IN ELECTRICITY AND MAGNETISM. By A. GRAY, F.R.S.E., Professor of Physics, University College, Bangor. Two vols. Cr. 8vo. Vol. I. 12s. 6d. Vol. II. In 2 Parts. 25s.

ABSOLUTE MEASUREMENTS IN ELECTRICITY AND MAGNETISM. 2nd Ed., revised and greatly enlarged. Fcap. 8vo. 5s. 6d.

ELECTRIC LIGHTING AND POWER DISTRIBUTION. [In preparation.]

HANDBOOK OF ELECTRIC LIGHT ENGINEERING. [In preparation.]

MAGNETISM AND ELECTRICITY. Medium 8vo. [In the Press.]

GREGORY.—EXPERIMENTAL PHYSICS FOR BEGINNERS. By R. A. GREGORY, F.R.A.S. 4to. 2s. 6d.

HEAVISIDE.—ELECTRICAL PAPERS. By O. HEAVISIDE. 2 vols. 8vo. 30s. net.

HERTZ.—ELECTRIC WAVES: RESEARCHES ON THE PROPAGATION OF ELECTRIC ACTION WITH FINITE VELOCITY THROUGH SPACE. By Prof. H. HERTZ. Translated by D. E. JONES, B.Sc. With Preface by Lord KELVIN, P.R.S. 8vo. 10s. net.

MISCELLANEOUS PAPERS. Translated by D. E. JONES, B.Sc. [In the Press.]

IBBETSON.—THE MATHEMATICAL THEORY OF PERFECTLY ELASTIC SOLIDS, with a Short Account of Viscous Fluids. By W. J. IBBETSON. 8vo. 21s.

JACKSON.—TEXT-BOOK ON ELECTRO-MAGNETISM AND THE CONSTRUCTION OF DYNAMOS. By Prof. D. C. JACKSON, C.E. Vol. I. 8vo. 9s. net.

NOTES ON ELECTRO-MAGNETS AND THE CONSTRUCTION OF DYNAMOS. [In the Press.]

ALTERNATING CURRENTS. Cr. 8vo. [In the Press.]

JOHNSON.—NATURE'S STORY BOOKS. SUNSHINE. By AMY JOHNSON, LL.A. Illustrated. Cr. 8vo. 6s.

\*JONES.—EXAMPLES IN PHYSICS. With Answers and Solutions. By D. E. JONES, B.Sc., Inspector of Science Schools under the Science and Art Department. 2nd Ed., revised and enlarged. Fcap. 8vo. 3s. 6d.

\*ELEMENTARY LESSONS IN HEAT, LIGHT, AND SOUND. By the same. Gl. 8vo. 2s. 6d.

LESSONS IN HEAT AND LIGHT. For Matriculation Students. By the same. Globe 8vo. 3s. 6d.

KELVIN.—Works by Lord KELVIN, P.R.S., Professor of Natural Philosophy in the University of Glasgow.

ELECTROSTATICS AND MAGNETISM, REPRINTS OF PAPERS ON. 2nd Ed. 8vo. 18s.

POPULAR LECTURES AND ADDRESSES. 3 vols. Illustrated. Cr. 8vo. Vol. I. CONSTITUTION OF MATTER. 7s. 6d. Vol. III. NAVIGATION. 7s. 6d.

LODGE.—MODERN VIEWS OF ELECTRICITY. By OLIVER J. LODGE, F.R.S., Professor of Physics, University College, Liverpool. Illus. Cr. 8vo. 6s. 6d.

LOEWY.—\*QUESTIONS AND EXAMPLES ON EXPERIMENTAL PHYSICS: Sound, Light, Heat, Electricity, and Magnetism. By B. LOEWY. Fcap. 8vo. 2s.

\*A GRADUATED COURSE OF NATURAL SCIENCE FOR ELEMENTARY AND TECHNICAL SCHOOLS AND COLLEGES. By the same. Part I. FIRST YEAR'S COURSE. Gl. 8vo. 2s. Part II. 2s. 6d.

LOUDON—M'LENNAN.—A LABORATORY COURSE IN EXPERIMENTAL PHYSICS. By W. J. LOUDON and J. C. M'LENNAN. 8vo. [In the Press.]

LUPTON.—NUMERICAL TABLES AND CONSTANTS IN ELEMENTARY SCIENCE. By S. LUPTON, M.A. Ex. fcap. 8vo. 2s. 6d.

MC AULAY.—UTILITY OF QUATERNIONS IN PHYSICS. By ALEX. MC AULAY. 8vo. 5s. net.

MACFARLANE.—PHYSICAL ARITHMETIC. By A. MACFARLANE, D.Sc., late Examiner in Mathematics at the University of Edinburgh. Cr. 8vo. 7s. 6d.

\*MAYER.—SOUND: A Series of Simple Experiments. By A. M. MAYER, Prof. of Physics in the Stevens Institute of Technology. Illustrated. Cr. 8vo. 3s. 6d.

\*MAYER—BARNARD.—LIGHT: A Series of Simple Experiments. By A. M. MAYER and C. BARNARD. Illustrated. Cr. 8vo. 2s. 6d.

MOLLOY.—GLEANINGS IN SCIENCE: Popular Lectures. By Rev. GERALD MOLLOY, D.Sc., Rector of the Catholic University of Ireland. 8vo. 7s. 6d.

MURCHÉ.—OBJECT LESSONS IN ELEMENTARY SCIENCE. By V. T. MURCHÉ. Cr. 8vo. Vol. I., 2s. 6d. Vol. II., 3s. Vol. III., 3s. 6d.

SCIENCE READERS. By V. T. MURCHÉ. Globe 8vo. Book I., 1s. Book II., 1s. Book III., 1s. 4d. Book IV., 1s. 4d. Book V., 1s. 6d. Book VI., 1s. 6d.

OBJECT LESSONS FOR INFANT SCHOOLS. By V. T. MURCHÉ. Gl. 8vo. Part I., 2s. 6d.; Part II., 2s. 6d.

NEWTON.—*PRINCIPIA*. Edited by Lord KELVIN, P.R.S., and Prof. BLACK-BURNE. 4to. 31s. 6d.

THE FIRST THREE SECTIONS OF NEWTON'S *PRINCIPIA*. With Notes, Illustrations, and Problems. By P. FROST, M.A., D.Sc. 3rd Ed. 8vo. 12s.

NICHOLS.—*LABORATORY MANUAL OF PHYSICS AND APPLIED ELECTRICITY*. Edited by E. L. NICHOLS. Vol. I., Junior Course in General Physics. By E. MERRITT and F. J. ROGERS. 12s. 6d. net. Vol. II. Senior Course. By G. S. MOLER, F. BEDELL, H. J. HOTCHKISS, C. P. MATTHEWS, and EDITOR. 8vo. 12s. 6d. net.

PARKINSON.—*A TREATISE ON OPTICS*. By S. PARKINSON, D.D., F.R.S., late Tutor of St. John's College, Cambridge. 4th Ed. Cr. 8vo. 10s. 6d.

PEABODY.—*THERMODYNAMICS OF THE STEAM-ENGINE AND OTHER HEAT-ENGINES*. By CECIL H. PEABODY. 8vo. 21s.

PHYSICAL REVIEW. Ed. by E. L. NICHOLS and E. MERRITT. 8vo. 3s. net.

PICKERING.—*ELEMENTS OF PHYSICAL MANIPULATION*. By Prof. EDWARD C. PICKERING. Medium 8vo. Part I., 12s. 6d. Part II., 14s.

PRESTON.—*THE THEORY OF LIGHT*. By T. PRESTON, M.A. 2nd Ed., 1895. 8vo. 15s. net.

THE THEORY OF HEAT. By the same. 8vo. 17s. net.

RAYLEIGH.—*THE THEORY OF SOUND*. By LORD RAYLEIGH, F.R.S. Second Edition. 8vo. Vol. I. 12s. net.

SANDERSON.—*ELECTRICITY AND MAGNETISM FOR BEGINNERS*. By F. W. SANDERSON, M.A., Headmaster of Oundle School. [In the Press.

SHANN.—*AN ELEMENTARY TREATISE ON HEAT, IN RELATION TO STEAM AND THE STEAM-ENGINE*. By G. SHANN, M.A. Cr. 8vo. 4s. 6d.

SPOTTISWOODE.—*POLARISATION OF LIGHT*. By the late W. SPOTTISWOODE, F.R.S. Illustrated. Cr. 8vo. 3s. 6d.

STEWART.—Works by BALFOUR STEWART, F.R.S.

\*A PRIMER OF PHYSICS. Illustrated. With Questions. Pott 8vo. 1s.

\*LESSONS IN ELEMENTARY PHYSICS. Illustrated. New Edition, 1895. Fcap. 8vo. 4s. 6d.

\*QUESTIONS ON THE ABOVE. By Prof. T. H. CORE. Fcap. 8vo. 2s.

STEWART—GEE.—LESSONS IN ELEMENTARY PRACTICAL PHYSICS. By BALFOUR STEWART, F.R.S., and W. W. HALDANE GEE, B.Sc. Cr. 8vo. Vol. I. GENERAL PHYSICAL PROCESSES. 6s. Vol. II. ELECTRICITY AND MAGNETISM. 7s. 6d. [Vol. III. OPTICS, HEAT, AND SOUND. In the Press.

\*PRACTICAL PHYSICS FOR SCHOOLS AND THE JUNIOR STUDENTS OF COLLEGES. Gl. 8vo. Vol. I. ELECTRICITY AND MAGNETISM. 2s. 6d. [Vol. II. OPTICS, HEAT, AND SOUND. In the Press.

STOKES.—ON LIGHT. By Sir G. G. STOKES, F.R.S. Cr. 8vo. 7s. 6d.

STONE.—*AN ELEMENTARY TREATISE ON SOUND*. By W. H. STONE. Illustrated. Fcap. 8vo. 3s. 6d.

TAIT.—HEAT. By P. G. TAIT, Professor of Natural Philosophy in the University of Edinburgh. Cr. 8vo. 6s.

LECTURES ON SOME RECENT ADVANCES IN PHYSICAL SCIENCE. By the same. 3rd Edition. Crown 8vo. 9s.

TAYLOR.—*SOUND AND MUSIC*. By S. TAYLOR, M.A. Ex. cr. 8vo. 8s. 6d.

\*THOMPSON.—*ELEMENTARY LESSONS IN ELECTRICITY AND MAGNETISM*. By SILVANUS P. THOMPSON, Principal and Professor of Physics in the Technical College, Finsbury. New Edition, 1895. Fcap. 8vo. 4s. 6d.

THOMSON.—Works by J. J. THOMSON, Professor of Experimental Physics in the University of Cambridge.

A TREATISE ON THE MOTION OF VORTEX RINGS. 8vo. 6s.

APPLICATIONS OF DYNAMICS TO PHYSICS AND CHEMISTRY. Cr. 8vo. 7s. 6d.

TURNER.—*A COLLECTION OF EXAMPLES ON HEAT AND ELECTRICITY*. By H. H. TURNER, Professor of Astronomy at Oxford. Cr. 8vo. 2s. 6d.

WRIGHT.—*LIGHT: A Course of Experimental Optics, chiefly with the Lantern*. By LEWIS WRIGHT. Illustrated. New Ed. Cr. 8vo. 7s. 6d.

## ASTRONOMY.

**AIRY.**—Works by Sir G. B. AIRY, K.C.B., formerly Astronomer-Royal.  
 \***POPULAR ASTRONOMY.** Revised by H. H. TURNER, M.A. Pott 8vo. 4s. 6d.  
**GRAVITATION:** An Elementary Explanation of the Principal Perturbations in the Solar System. 2nd Ed. Cr. 8vo. 7s. 6d.

**CHEYNE.**—AN ELEMENTARY TREATISE ON THE PLANETARY THEORY. By C. H. H. CHEYNE. With Problems. 3rd Ed., revised. Cr. 8vo. 7s. 6d.

**CLARK—SADLER.**—THE STAR GUIDE. By L. CLARK and H. SADLER. 8vo. 5s.

**CROSSLEY—GLEDHILL—WILSON.**—A HANDBOOK OF DOUBLE STARS. By E. CROSSLEY, J. GLEDHILL, and J. M. WILSON. 8vo. 21s.

**CORRECTIONS TO THE HANDBOOK OF DOUBLE STARS.** 8vo. 1s.

**FORBES.**—TRANSIT OF VENUS. By G. FORBES, Professor of Natural Philosophy in the Andersonian University, Glasgow. Illustrated. Cr. 8vo. 3s. 6d.

**GODFRAY.**—Works by HUGH GODFRAY, M.A., Mathematical Lecturer at Pembroke College, Cambridge.

**A TREATISE ON ASTRONOMY.** 4th Ed. 8vo. 12s. 6d.

**AN ELEMENTARY TREATISE ON THE LUNAR THEORY.** Cr. 8vo. 5s. 6d.

**LOCKYER.**—Works by J. NORMAN LOCKYER, F.R.S.

\***A PRIMER OF ASTRONOMY.** Illustrated. Pott 8vo. 1s.

\***ELEMENTARY LESSONS IN ASTRONOMY.** With Spectra of the Sun, Stars, and Nebulæ, and Illus. 36th Thousand. Revised throughout. Fcap. 8vo. 5s. 6d.

\***QUESTIONS ON THE ABOVE.** By J. FORBES ROBERTSON. Pott 8vo. 1s. 6d.

**THE CHEMISTRY OF THE SUN.** Illustrated. 8vo. 14s.

**THE METEORITIC HYPOTHESIS OF THE ORIGIN OF COSMICAL SYSTEMS.** Illustrated. 8vo. 17s. net.

**STAR-GAZING PAST AND PRESENT.** Expanded from Notes with the assistance of G. M. SEABROKE, F.R.A.S. Roy. 8vo. 21s.

**LODGE.**—PIONEERS OF SCIENCE. By OLIVER J. LODGE. Ex. Cr. 8vo. 7s. 6d.

**NEWCOMB.**—POPULAR ASTRONOMY. By S. NEWCOMB, LL.D., Professor U.S. Naval Observatory. Illustrated. 2nd Ed., revised. 8vo. 18s.

## HISTORICAL.

**BALL.**—A SHORT ACCOUNT OF THE HISTORY OF MATHEMATICS. By W. W. ROUSE BALL, M.A. 2nd ed. Cr. 8vo. 10s. net.

**PRIMER OF THE HISTORY OF MATHEMATICS.** Gl. 8vo.

**MATHEMATICAL RECREATIONS, AND PROBLEMS OF PAST AND PRESENT TIMES.** By the same. Cr. 8vo. 7s. net.

**AN ESSAY ON NEWTON'S PRINCIPIA.** By the same. Cr. 8vo. 6s. net.

**CAJORI.**—HISTORY OF MATHEMATICS. By Prof. F. CAJORI. Ex. Cr. 8vo. 14s. net.

**KLEIN.**—LECTURES ON MATHEMATICS. By F. KLEIN. 8vo. 6s. 6d. net.

## PERIODICAL.

**MATHEMATICAL GAZETTE.**—Edited by E. M. LANGLEY, M.A. 4to. 6d. and 1s. net.

## NATURAL SCIENCES.

Chemistry; Physical Geography, Geology, and Mineralogy; Biology (Botany, Zoology, General Biology, Physiology); Medicine.

## CHEMISTRY.

**ARMSTRONG.**—A MANUAL OF INORGANIC CHEMISTRY. By H. E. ARMSTRONG, F.R.S., Professor of Chemistry, City and Guilds Central Institute. [In preparation.

BEHRENS.—MICRO-CHEMICAL METHODS OF ANALYSIS. By Prof. BEHRENS. With Preface by Prof. J. W. JUDD, F.R.S. Cr. 8vo. 6s.

\*COHEN.—THE OWENS COLLEGE COURSE OF PRACTICAL ORGANIC CHEMISTRY. By JULIUS B. COHEN, Ph.D. Fcap. 8vo. 2s. 6d.

COMEY.—DICTIONARY OF CHEMICAL SOLUBILITIES. By Prof. A. M. COMEY. 8vo. [In the Press.]

\*DOBBIN—WALKER.—CHEMICAL THEORY FOR BEGINNERS. By L. DOBBIN, Ph.D., and JAS. WALKER, Ph.D. Fcap. 8vo. 2s. 6d.

FLEISCHER.—A SYSTEM OF VOLUMETRIC ANALYSIS. By EMIL FLEISCHER. Translated, with Additions, by M. M. P. MUIR, F.R.S.E. Cr. 8vo. 7s. 6d.

FRANKLAND.—AGRICULTURAL CHEMICAL ANALYSIS. (See Agriculture.)

\*GORDON.—ELEMENTARY COURSE OF PRACTICAL SCIENCE. By HUGH GORDON, Inspector of Science Schools under the Science and Art Department. Pott 8vo. Part I. 1s. [Part II. in the Press.]

HARTLEY.—A COURSE OF QUANTITATIVE ANALYSIS FOR STUDENTS. By W. N. HARTLEY, F.R.S. Gl. 8vo. 5s.

HEMPEL.—METHODS OF GAS ANALYSIS. By Dr. WALTHER HEMPEL. Translated by Dr. L. M. DENNIS. Cr. 8vo. 7s. 6d.

HIORNS.—Works by A. H. HIORNS, Principal of the School of Metallurgy, Birmingham and Midland Institute. Gl. 8vo.

A TEXT-BOOK OF ELEMENTARY METALLURGY. 4s.

PRACTICAL METALLURGY AND ASSAYING. 6s.

IRON AND STEEL MANUFACTURE. For Beginners. 3s. 6d.

MIXED METALS OR METALLIC ALLOYS. 6s.

METAL COLOURING AND BRONZING. 5s.

JONES.—\*THE OWENS COLLEGE JUNIOR COURSE OF PRACTICAL CHEMISTRY. By FRANCIS JONES, F.R.S.E. Fcap. 8vo. 2s. 6d.

\*QUESTIONS ON CHEMISTRY. By the same. Fcap. 8vo. 3s.

LANDAUER.—BLOWPIPE ANALYSIS. By J. LANDAUER. Translated by J. TAYLOR, B.Sc. Revised Edition. Gl. 8vo. 4s. 6d.

LASSAR-COHN.—LABORATORY MANUAL OF ORGANIC CHEMISTRY. Translated by Prof. ALEX. SMITH. Cr. 8vo. 8s. 6d.

LAURIE.—(See Agriculture, p. 43.)

LETTS.—QUALITATIVE ANALYSIS TABLES. By Prof. E. A. LETTS, D.Sc. 4to. 7s. net.

LOCKYER.—THE CHEMISTRY OF THE SUN. By J. N. LOCKYER, F.R.S. 8vo. 14s.

LUPTON.—CHEMICAL ARITHMETIC. With 1200 Problems. By S. LUPTON, M.A. 2nd Ed., revised. Fcap. 8vo. 4s. 6d.

MELDOLA.—THE CHEMISTRY OF PHOTOGRAPHY. By RAPHAEL MELDOLA, F.R.S., Professor of Chemistry, Technical College, Finsbury. Cr. 8vo. 6s.

MENSCHUTKIN.—ANALYTICAL CHEMISTRY. By A. MENSCHUTKIN, Professor in the University of St. Petersburg. Translated by JAMES LOCKE. 8vo. 17s. net.

MEYER.—HISTORY OF CHEMISTRY FROM THE EARLIEST TIMES TO THE PRESENT DAY. By ERNST VON MEYER, Ph.D. Translated by GEORGE McGOWAN, Ph.D. 8vo. 14s. net.

MIXTER.—AN ELEMENTARY TEXT-BOOK OF CHEMISTRY. By W.G. MIXTER, Professor of Chemistry, Yale College. 2nd Ed. Cr. 8vo. 7s. 6d.

MUIR.—PRACTICAL CHEMISTRY FOR MEDICAL STUDENTS: First M.B. Course. By M. M. P. MUIR, F.R.S.E. Fcap. 8vo. 1s. 6d.

MUIR—WILSON.—THE ELEMENTS OF THERMAL CHEMISTRY. By M. M. P. MUIR, F.R.S.E.; assisted by D. M. WILSON. 8vo. 12s. 6d.

NERNST.—THEORETICAL CHEMISTRY. By Prof. NERNST. Translated by Prof. C. S. PALMER. 8vo. 15s. net.

OSTWALD.—OUTLINES OF GENERAL CHEMISTRY: Physical and Theoretical. By Prof. W. OSTWALD. Trans. by JAS. WALKER, D.Sc. 8vo. 10s. net.

PHYSICO-CHEMICAL MEASUREMENTS. By Prof. W. OSTWALD. Trans. by JAS. WALKER, D.Sc. 8vo. 7s. net.

SCIENTIFIC BASIS OF ANALYTICAL CHEMISTRY. Trans. by G. McGOWAN. Cr. 8vo. 5s. net.

RAMSAY.—EXPERIMENTAL PROOFS OF CHEMICAL THEORY FOR BEGINNERS. By WILLIAM RAMSAY, F.R.S. New Ed. Pott 8vo. 2s. 6d.

**REMSSEN.**—Works by **IRA REMSEN**, Prof. of Chemistry, Johns Hopkins University.

\***THE ELEMENTS OF CHEMISTRY.** For Beginners. Fcap. 8vo. 2s. 6d.

**AN INTRODUCTION TO THE STUDY OF CHEMISTRY (INORGANIC CHEMISTRY).** Cr. 8vo. 6s. 6d.

**COMPOUNDS OF CARBON:** an Introduction to the Study of Organic Chemistry. Cr. 8vo. 6s. 6d.

**A TEXT-BOOK OF INORGANIC CHEMISTRY.** 8vo. 16s.

**ROSCOE.**—Works by **SIR HENRY E. ROSCOE**, F.R.S., formerly Professor of Chemistry, Owens College, Manchester.

\***A PRIMER OF CHEMISTRY.** Illustrated. With Questions. Pott 8vo. 1s.

\***INORGANIC CHEMISTRY FOR BEGINNERS.** Assisted by **J. LUNT**, B.Sc. Gl. 8vo. 2s. 6d.

\***LESSONS IN ELEMENTARY CHEMISTRY, INORGANIC AND ORGANIC.** With Illustrations and Chromolitho of the Solar Spectrum, and of the Alkalies and Alkaline Earths. New Ed., 1892. Fcap. 8vo. 4s. 6d.

**ROSCOE—SCHORLEMMER.**—**A TREATISE ON INORGANIC AND ORGANIC CHEMISTRY.** By **SIR HENRY ROSCOE**, F.R.S., and **Prof. C. SCHORLEMMER**, F.R.S. 8vo.

Vols. I. and II.—**INORGANIC CHEMISTRY.** Vol. I.—The Non-Metallic Elements. New Ed. 21s. Vol. II.—Metals. Two Parts, 18s. each.

**Vol. III.—ORGANIC CHEMISTRY. THE CHEMISTRY OF THE HYDRO-CARBONS and their Derivatives.** Parts I. II. IV. and VI. 21s. each. Parts III. and V. 18s. each.

**ROSCOE—SCHUSTER.**—**SPECTRUM ANALYSIS.** By **SIR HENRY ROSCOE**, F.R.S. 4th Ed., revised by the Author and **A. SCHUSTER**, F.R.S. 8vo. 21s.

**SCHORLEMMER.**—**RISE AND DEVELOPMENT OF ORGANIC CHEMISTRY.** By Prof. **SCHORLEMMER**, N. E. Edited by Prof. **A. H. SMITHILLS**. Cr. 8vo. 5s. net.

**SCHULTZ—JULIUS.**—**SYSTEMATIC SURVEY OF THE ORGANIC COLOURING MATTERS.** By Dr. **G. SCHULTZ** and **P. JULIUS**. Translated and Edited by **ARTHUR G. GREEN**, F.I.C., F.C.S., Examiner in City and Guilds of London Institute. Royal 8vo. 21s. net.

**SHENSTONE.**—**QUALITATIVE ANALYSIS FOR BEGINNERS.** By **W. A. SHENSTONE**, F.I.C., Science Master at Clifton College. Globe 8vo. [In prep.

**SMITHILLS.**—**THE CHEMISTRY OF COMMON THINGS.** By **A. SMITHILLS**, B.Sc., F.I.C., Professor of Chemistry, Yorkshire College, Leeds. Gl. 8vo. [In preparation.

\***THORPE.**—**A SERIES OF CHEMICAL PROBLEMS.** With Key. By **T. E. THORPE**, F.R.S. New Ed. Fcap. 8vo. 2s.

**ESSAYS IN HISTORICAL CHEMISTRY.** By the same. Cr. 8vo. 8s. 6d. net.

\***TURPIN.**—**LESSONS IN ORGANIC CHEMISTRY.** By **G. S. TURPIN**, M.A., D.Sc. Gl. 8vo. Part I.—Elementary. 2s. 6d.

**PRACTICAL INORGANIC CHEMISTRY.** By the same. Gl. 8vo. 2s. 6d.

**WURTZ.**—**A HISTORY OF CHEMICAL THEORY.** By **AD. WURTZ**. Translated by **HENRY WATTS**, F.R.S. Crown 8vo. 6s.

**WYNNE.**—**COAL TAR PRODUCTS.** By **W. P. WYNNE**, Royal College of Science. [In preparation.

## PHYSICAL GEOGRAPHY, GEOLOGY, AND MINERALOGY.

**BLANFORD.**—**THE RUDIMENTS OF PHYSICAL GEOGRAPHY FOR INDIAN SCHOOLS;** with Glossary. By **H. F. BLANFORD**, F.G.S. Cr. 8vo. 2s. 6d.

**FERREL.**—**A POPULAR TREATISE ON THE WINDS.** By **W. FERREL**, M.A., Member of the American National Academy of Sciences. 8vo. 17s. net.

**FISHER.**—**PHYSICS OF THE EARTH'S CRUST.** By **REV. OSMOND FISHER**, M.A., F.G.S., Hon. Fellow of King's College, London. 2nd Ed., enlarged. 8vo. 12s.

\***GEE.**—**SHORT STUDIES IN EARTH KNOWLEDGE.** Introduction to Physiography. By **WILLIAM GEE**. Illustrated. Gl. 8vo. 8s. 6d.

**GEIKIE.**—Works by **SIR ARCHIBALD GEIKIE**, F.R.S., Director-General of the Geological Survey of the United Kingdom.

\*A PRIMER OF PHYSICAL GEOGRAPHY. Illus. With Questions. Pott 8vo. 1s.

\*ELEMENTARY LESSONS IN PHYSICAL GEOGRAPHY. Illustrated. Fcap. 8vo. 4s. 6d. \*QUESTIONS ON THE SAME. 1s. 6d.

\*A PRIMER OF GEOLOGY. Illustrated. Pott 8vo. 1s.

\*CLASS-BOOK OF GEOLOGY. Illustrated. Cr. 8vo. 4s. 6d.

TEXT-BOOK OF GEOLOGY. Illustrated. 3rd Ed. (1893). 8vo. 28s.

OUTLINES OF FIELD GEOLOGY. Illustrated. Gl. 8vo. 3s. 6d.

THE SCENERY AND GEOLOGY OF SCOTLAND, VIEWED IN CONNEXION WITH ITS PHYSICAL GEOLOGY. Illustrated. Cr. 8vo. 12s. 6d.

GREGORY.—THE PLANET EARTH. By R. A. GREGORY, F.R.A.S. Cr. 8vo. 2s.

HUXLEY.—PHYSIOGRAPHY. An Introduction to the Study of Nature. By the Right Hon. T. H. HUXLEY, F.R.S. Illustrated. Cr. 8vo. 6s.

KELVIN.—POPULAR LECTURES AND ADDRESSES. By Lord KELVIN, P.R.S. Vol. II. GEOLOGY AND GENERAL PHYSICS. Cr. 8vo. 7s. 6d.

LESSING.—TABLES FOR THE DETERMINATION OF THE ROCK-FORMING MINERALS. Compiled by F. L. LOEWINSON-LESSING. Trans. by J. W. GREGORY, B.Sc., F.G.S. Glossary by Prof. G. A. J. COLE, F.G.S. 8vo. 4s. 6d. net.

LOCKYER.—OUTLINES OF PHYSIOGRAPHY—THE MOVEMENTS OF THE EARTH. By J. NORMAN LOCKYER, F.R.S. Illust. Cr. 8vo. Sewed, 1s. 6d.

\*MARR—HARKER. PHYSIOGRAPHY FOR BEGINNERS. By J. E. MARR, F.R.S., and A. HARKER, M.A. Gl. 8vo. [In the Press.]

MIERS.—A TREATISE ON MINERALOGY. By H. A. MIERS, of the British Museum. 8vo. [In preparation.]

MIERS—CROSSKEY.—(See Hygiene, p. 46.)

ROSENBUSCH.—MICROSCOPICAL PHYSIOGRAPHY OF THE ROCK-MAKING MINERALS. By H. ROSENBUSCH. Trans. by J. P. IDDINGS. 8vo. 24s.

RUSSELL.—METEOROLOGY. By T. RUSSELL. 8vo. 16s. net.

SIMMONS.—PHYSIOGRAPHY FOR BEGINNERS. By A. T. SIMMONS, B.Sc., Tettenhall College, Wolverhampton. [April 1896.]

TARR.—ECONOMIC GEOLOGY OF THE U.S. By R. S. TARR, B.S. 8vo. 16s. net.

ELEMENTARY TEXT-BOOK OF PHYSICAL GEOGRAPHY FOR HIGH SCHOOLS. Crown 8vo. [In the Press.]

WILLIAMS.—ELEMENTS OF CRYSTALLOGRAPHY, for students of Chemistry, Physics, and Mineralogy. By G. H. WILLIAMS, Ph.D. Cr. 8vo. 6s.

ZITTEL.—ELEMENTS OF PALÆONTOLOGY. By Prof. KARL VON ZITTEL. Translated by CHARLES R. EASTMAN, Ph.D. 8vo. [In the Press.]

## BIOLOGY.

(Botany, Zoology, General Biology, Physiology.)

### Botany.

ALLEN.—ON THE COLOURS OF FLOWERS, as Illustrated in the British Flora. By GRANT ALLEN. Illustrated. Cr. 8vo. 3s. 6d.

ATKINSON.—BIOLOGY OF FERNS BY THE COLLODION METHOD. By G. F. ATKINSON, Ph.B. 8vo. 8s. 6d. net.

BALFOUR—WARD.—A GENERAL TEXT-BOOK OF BOTANY. By Prof. I. B. BALFOUR, F.R.S., and Prof. H. MARSHALL WARD, F.R.S. [In preparation.]

\*BETTANY.—FIRST LESSONS IN PRACTICAL BOTANY. By G. T. BETTANY. Pott 8vo. 1s.

\*OWER.—Works by F. O. BOWER, D.Sc., F.R.S., Professor of Botany, University of Glasgow.

A COURSE OF PRACTICAL INSTRUCTION IN BOTANY. Cr. 8vo. 10s. 6d.

\*PRACTICAL BOTANY FOR BEGINNERS. Gl. 8vo. 3s. 6d.

CAMPBELL.—STRUCTURE AND DEVELOPMENT OF MOSSES AND FERNS. By Prof. DOUGLAS H. CAMPBELL. 8vo. 14s. net.

GRAY.—STRUCTURAL BOTANY, OR ORGANOGRAPHY ON THE BASIS OF MORPHOLOGY. By Prof. ASA GRAY, LL.D. 8vo. 10s. 6d.

HARTIG.—TEXT-BOOK OF THE DISEASES OF TREES. (See Agriculture, p. 45.)

HOOKER.—Works by Sir JOSEPH HOOKER, F.R.S., &c.

\*PRIMER OF BOTANY. Illustrated. Pott 8vo. 1s.

THE STUDENT'S FLORA OF THE BRITISH ISLANDS. 3rd Ed., revised. Gl. 8vo. 10s. 6d.

LUBBOCK.—FLOWERS, FRUITS, AND LEAVES. By the Right Hon. Sir J. LUBBOCK, F.R.S. Illustrated. 2nd Ed. Cr. 8vo. 4s. 6d.

MÜLLER.—THE FERTILISATION OF FLOWERS. By HERMANN MÜLLER. Translated by D'ARCY W. THOMPSON, B.A., Professor of Biology in University College, Dundee. Preface by CHARLES DARWIN. Illustrated. 8vo. 21s.

NISBET.—BRITISH FOREST TREES. (See Agriculture, p. 45.)

OLIVER.—\*LESSONS IN ELEMENTARY BOTANY. By DANIEL OLIVER, F.R.S., late Professor of Botany in University College, London. Fcap. 8vo. 4s. 6d.

FIRST BOOK OF INDIAN BOTANY. By the same. Ex. fcap. 8vo. 6s. 6d.

SMITH.—DISEASES OF FIELD AND GARDEN CROPS. (See Agriculture, p. 45.)

STRASBURGER.—A TEXT-BOOK OF BOTANY. By Dr. E. STRASBURGER and Others. 8vo. Translated by Dr. JAMES PORTER. 8vo. [In the Press.]

VINES—KINCH.—MANUAL OF VEGETABLE PHYSIOLOGY. By Prof. S. H. VINES, F.R.S., and Prof. E. KINCH. Illustrated. Cr. 8vo. [In prep.]

WARD.—TIMBER AND SOME OF ITS DISEASES. (See Agriculture, p. 45.)

### Zoology.

BADENOCH.—THE ROMANCE OF THE INSECT WORLD. By L. N. BADENOCH. Illustr. Cr. 8vo. 6s.

BALFOUR.—A TREATISE ON COMPARATIVE EMBRYOLOGY. By F. M. BALFOUR, F.R.S. Illustrated. 2 vols. 8vo. Vol. I. 18s. Vol. II. 21s.

BERNARD.—THE APODIDÆ. By H. M. BERNARD, M.A., LL.D. Cr. 8vo. 7s. 6d.

BUCKTON.—MONOGRAPH OF THE BRITISH CICADÆ, OR TETTIGIDÆ. By G. B. BUCKTON. 2 vols. 8vo. 42s. net.

CAMBRIDGE NATURAL HISTORY. Edited by S. F. HARMER, M.A., and A. E. SHIPLEY, M.A.

Vol. III. MOLLUSCS AND BRACHIOPODS. By the Rev. A. H. COOKE, M.A., A. E. SHIPLEY, M.A., and F. R. C. REED, M.A. Illustrated. 8vo. 17s. net.

Vol. V. PERIPATUS, by A. SEDGWICK, M.A. CENTIPEDES, etc., by F. G. SINCLAIR, M.A. INSECTS, by D. SHARP, M.A., F.R.S. 8vo. 17s. net. [In the Press.]

COOKE.—BRITISH MOLLUSCS. By Rev. A. H. COOKE, M.A., Fellow of King's College, Cambridge.

COUES.—HANDBOOK OF FIELD AND GENERAL ORNITHOLOGY. By Prof. ELLIOTT COUES, M.A. Illustrated. 8vo. 10s. net.

FLOWER—GADOW.—AN INTRODUCTION TO THE OSTEOLOGY OF THE MAMMALIA. By Sir W. H. FLOWER, F.R.S., Director of the Natural History Museum. Illus. 3rd Ed., revised with the help of HANS GADOW, Ph.D. Cr. 8vo. 10s. 6d.

FOSTER—BALFOUR.—THE ELEMENTS OF EMBRYOLOGY. By Prof. MICHAEL FOSTER, M.D., F.R.S., and the late F. M. BALFOUR, F.R.S., 2nd Ed. revised by A. SEDGWICK, M.A., and W. HEAPE, M.A. Illust. Cr. 8vo. 10s. 6d.

GÜNTHER.—GUIDE TO BRITISH FISHES. By Dr. A. GÜNTHER. Cr. 8vo.

HEADLEY.—STRUCTURE AND LIFE OF BIRDS. By F. W. HEADLEY, M.A., Assistant Master at Haileybury College. Illustrated. Cr. 8vo. 7s. 6d.

HERDMAN.—BRITISH MARINE FAUNA. Vol. I. By Prof. W. A. HERDMAN, F.R.S. Cr. 8vo. [In the Press.]

LANG.—TEXT-BOOK OF COMPARATIVE ANATOMY. By Dr. ARNOLD LANG, Professor of Zoology in the University of Zurich. Transl. by H. M. and M. BERNARD. Introduction by Prof. HAECKEL. 2 vols. Illustrated. 8vo. Vol. I. 17s. net. [Vol. II. in the Press.]

LUBBOCK.—THE ORIGIN AND METAMORPHOSES OF INSECTS. By the Right Hon. Sir JOHN LUBBOCK, F.R.S., D.C.L. Illus. Cr. 8vo. 3s. 6d.

MEYRICK.—HANDBOOK OF BRITISH LEPIDOPTERA. By E. MEYRICK. Ex. Cr. 8vo. [In the Press.]

MIALL.—NATURAL HISTORY OF AQUATIC INSECTS. By Prof. L. C. MIALL. Cr. 8vo. Illustrated. 6s.

ROUND THE YEAR. By the same. [In preparation]

MOVART.—LESSONS IN ELEMENTARY ANATOMY. By ST. G. MOVART, F.R.S., Lecturer on Comparative Anatomy at St. Mary's Hospital. Fcap. 8vo. 6s. 6d.

MURRAY.—INTRODUCTION TO THE STUDY OF SEAWEEDS. By GEORGE MURRAY, F.R.S.E. Illustrated. Cr. 8vo. 7s. 6d.

PARKER.—A COURSE OF INSTRUCTION IN ZOOTOMY (VERTEBRATA). By T. JEFFERY PARKER, F.R.S., Professor of Biology in the University of Otago, New Zealand. Illustrated. Cr. 8vo. 8s. 6d.

PARKER—HASWELL.—A TEXT-BOOK OF ZOOLOGY. By Prof. T. J. PARKER, F.R.S., and Prof. HASWELL. Illustrated. 8vo. [In the Press.]

SEDWICK.—TREATISE ON EMBRYOLOGY. By ADAM SEDGWICK, F.R.S., Fellow and Lecturer of Trinity College, Cambridge. 8vo. [In preparation.]

SHUFELDT.—THE MYOLOGY OF THE RAVEN (*Corvus corax sinuatus*). A Guide to the Study of the Muscular System in Birds. By R. W. SHUFELDT. Illustrated. 8vo. 13s. net.

WIEDERSHEIM.—ELEMENTS OF THE COMPARATIVE ANATOMY OF VERTEBRATES. By Prof. R. WIEDERSHEIM. Adapted by W. NEWTON PARKER, Professor of Biology, University College, Cardiff. 8vo. 12s. 6d.

THE STRUCTURE OF MAN. Translated by H. M. BERNARD and G. B. HOWES. 8vo. 8s. net.

### General Biology.

BALL.—ARE THE EFFECTS OF USE AND DISUSE INHERITED? By W. PLATT BALL. Cr. 8vo. 8s. 6d.

BATESON.—MATERIALS FOR THE STUDY OF VARIATION By W. BATESON, M.A. Illustrated. 8vo. 21s. net.

CALDERWOOD.—EVOLUTION AND MAN'S PLACE IN NATURE. By Prof. H. CALDERWOOD, LL.D. 2nd Ed. 8vo. [In the Press.]

EIMER.—ORGANIC EVOLUTION as the Result of the Inheritance of Acquired Characters according to the Laws of Organic Growth. By Dr. G. H. T. EIMER. Transl. by J. T. CUNNINGHAM, F.R.S.E. 8vo. 12s. 6d.

HOWES.—AN ATLAS OF PRACTICAL ELEMENTARY BIOLOGY. By G. B. HOWES, Professor of Zoology, Royal College of Science. 4to. 14s.

\*HUXLEY.—INTRODUCTORY PRIMER OF SCIENCE. By Prof. T. H. HUXLEY, F.R.S. Pott 8vo. 1s.

HUXLEY — MARTIN.—A COURSE OF ELEMENTARY INSTRUCTION IN PRACTICAL BIOLOGY. By Prof. T. H. HUXLEY, F.R.S., assisted by H. N. MARTIN, F.R.S. New Ed., revised by G. B. HOWES, Assistant Professor, Royal College of Science, and D. H. Scott, D.Sc. Cr. 8vo. 10s. 6d.

LUBBOCK.—ON BRITISH WILD FLOWERS CONSIDERED IN RELATION TO INSECTS. By Right Hon. Sir J. LUBBOCK, F.R.S. Illust. Cr. 8vo. 4s. 6d.

ORR.—THEORY OF DEVELOPMENT AND HEREDITY. By H. B. ORR, Ph.D. Cr. 8vo. 6s. net.

OSBORN.—FROM THE GREEKS TO DARWIN. By H. F. OSBORN, Sc.D. 8vo. 9s. net.

PARKER.—LESSONS IN ELEMENTARY BIOLOGY. By Prof. T. JEFFERY PARKER, F.R.S. Illustrated. 2nd Ed. Cr. 8vo. 10s. 6d.

BIOLOGY FOR BEGINNERS. By the same. [In preparation.]

VARIGNY.—EXPERIMENTAL EVOLUTION. By H. DE VARIGNY. Cr. 8vo. 5s.

WALLACE.—Works by ALFRED RUSSEL WALLACE, F.R.S., LL.D.

DARWINISM: An Exposition of the Theory of Natural Selection. Cr. 8vo. 9s.

NATURAL SELECTION: AND TROPICAL NATURE. New Ed. Cr. 8vo. 6s.

ISLAND LIFE. New Ed. Cr. 8vo. 6s.

WILLEY.—AMPHioxus, AND THE ANCESTRY OF THE VERTEBRATES. By A. WILLEY, B.Sc. 8vo. 10s. 6d. net.

### Physiology.

BIEDERMANN.—ELECTRO-PHYSIOLOGY. By Professor W. BIEDERMANN. Translated by F. A. WELBY. 8vo. [In the Press.]

FEARNLEY.—A MANUAL OF ELEMENTARY PRACTICAL HISTOLOGY. By WILLIAM FEARNLEY. Illustrated. Cr. 8vo. 7s. 6d.

FOSTER.—Works by MICHAEL FOSTER, M.D., F.R.S., Professor of Physiology in the University of Cambridge.

\*A PRIMER OF PHYSIOLOGY. Illustrated. Pott 8vo. 1s.

**A TEXT-BOOK OF PHYSIOLOGY.** Illustrated. 5th Ed., largely revised. 8vo. Part I. Blood—The Tissues of Movement, The Vascular Mechanism. 10s. 6d. Part II. The Tissues of Chemical Action, with their Respective Mechanisms—Nutrition. 10s. 6d. Part III. The Central Nervous System. 7s. 6d. Part IV. The Senses and some Special Muscular Mechanisms. The Tissues and Mechanisms of Reproduction. 10s. 6d. APPENDIX—THE CHEMICAL BASIS OF THE ANIMAL BODY. By A. S. LEA, M.A. 7s. 6d.

**FOSTER—LANGLEY.—A COURSE OF ELEMENTARY PRACTICAL PHYSIOLOGY AND HISTOLOGY.** By Prof. MICHAEL FOSTER, and J. N. LANGLEY, F.R.S., Fellow of Trinity College, Cambridge. 6th Ed. Cr. 8vo. 7s. 6d.

**FOSTER—SHORE.—PHYSIOLOGY FOR BEGINNERS.** By MICHAEL FOSTER, M.D., F.R.S., and L. E. SHORE, M.A., M.D. Gl. 8vo. 2s. 6d.

**GAMGEE.—A TEXT-BOOK OF THE PHYSIOLOGICAL CHEMISTRY OF THE ANIMAL BODY.** By A. GAMGEE, M.D., F.R.S. 8vo. Vol. I. 18s. Vol. II. 18s.

**\*HUXLEY.—LESSONS IN ELEMENTARY PHYSIOLOGY.** By Prof. T. H. HUXLEY, F.R.S. Illust. Fcap. 8vo. 4s. 6d.

**\*QUESTIONS ON THE ABOVE.** By T. ALCOCK, M.D. Pott 8vo. 1s. 6d.

**KIMBER.—ANATOMY AND PHYSIOLOGY FOR NURSES.** By D. C. KIMBER. 8vo. 10s. net.

**VERWORN.—GENERAL PHYSIOLOGY.** By Dr. MAX VERWORN. Translated by Dr. F. LEE. 8vo. [In preparation.]

## MEDICINE.

**ALLBUTT.—A SYSTEM OF MEDICINE.** Edited by Prof. Clifford Allbutt, M.D., F.R.S. 5 Vols. 8vo. [In the Press.]

**BLYTH.**—(See Hygiene, p. 46).

**BRUNTON.—**Works by T. LAUDER BRUNTON, M.D., F.R.S., Examiner in Materia Medica in the University of London, in the Victoria University, and in the Royal College of Physicians, London.

**A TEXT-BOOK OF PHARMACOLOGY, THERAPEUTICS, AND MATERIA MEDICA.** Adapted to the United States Pharmacopœia by F. H. WILLIAMS, M.D., Boston, Mass. 3rd Ed. Adapted to the New British Pharmacopœia, 1885, and additions, 1891. 8vo. 21s. Or in 2 vols. 22s. 6d. Supplement. 1s.

**TABLES OF MATERIA MEDICA:** A Companion to the Materia Medica Museum. Illustrated. Cheaper Issue. 8vo. 5s.

**AN INTRODUCTION TO MODERN THERAPEUTICS.** 8vo. 8s. 6d. net.

**GRIFFITHS.—LESSONS ON PRESCRIPTIONS AND THE ART OF PRESCRIBING.** By W. H. GRIFFITHS. Adapted to the Pharmacopœia, 1885. Pott 8vo. 3s. 6d.

**HAMILTON.—A TEXT-BOOK OF PATHOLOGY, SYSTEMATIC AND PRACTICAL.** By D. J. HAMILTON, F.R.S.E., Professor of Pathological Anatomy, University of Aberdeen. Illust. 8vo. Vol. I. 21s. net. Vol. II. 2 parts, 15s. each. net.

**HAWKINS.—DISEASES OF THE VERMIFORM APPENDIX.** By H. P. HAWKINS, M.D. 8vo. 7s. net.

**KAHLDEN.—METHODS OF PATHOLOGICAL HISTOLOGY.** By Dr. VON KAHLDEN. Translated by H. MORLEY FLETCHER, M.D. 8vo. 6s. Being a Companion to Ziegler's "Pathological Anatomy."

**KANTHACK DRYSDALE.—ELEMENTARY PRACTICAL BACTERIOLOGY.** By A. A. KANTHACK, M.D., and J. H. DRYSDALE, M.B. Cr. 8vo. 4s. 6d.

**KLEIN.—**Works by E. KLEIN, F.R.S., Lecturer on General Anatomy and Physiology in the Medical School of St. Bartholomew's Hospital, London.

**MICRO-ORGANISMS AND DISEASE.** An Introduction into the Study of Specific Micro-Organisms. Illustrated. 3rd Ed., revised. Cr. 8vo. 6s.

**THE BACTERIA IN ASIATIC CHOLERA.** Cr. 8vo. 5s.

**PLAYFAIR—ALLBUTT.—A SYSTEM OF GYNÆCOLOGY.** Edited by Dr. Playfair and Prof. Allbutt. 8vo. [In the Press.]

**WHITE.—A TEXT-BOOK OF GENERAL THERAPEUTICS.** By W. HALE WHITE, M.D., Senior Assistant Physician to and Lecturer in Materia Medica at Guy's Hospital. Illustrated. Cr. 8vo. 8s. 6d.

**WILLOUGHBY.**—(See Hygiene, p. 46.)

**ZIEGLER—MACALISTER.—TEXT-BOOK OF PATHOLOGICAL ANATOMY AND PATHOGENESIS.** By Prof. E. ZIEGLER. Translated and Edited by

DONALD MACALISTER, M.A., M.D., Fellow and Medical Lecturer of St. John's College, Cambridge. Illustrated. 8vo.

Part I.—GENERAL PATHOLOGICAL ANATOMY. 2nd Ed. 12s. 6d.

Part II.—SPECIAL PATHOLOGICAL ANATOMY. Sections I.—VIII. 2nd Ed. 12s. 6d. Sections IX.—XII. 12s. 6d.

## HUMAN SCIENCES.

Ethics and Metaphysics; Logic; Psychology; Political Economy; Law and Politics; Anthropology; Education.

### ETHICS AND METAPHYSICS.

CALDERWOOD.—HANDBOOK OF MORAL PHILOSOPHY. By Rev. HENRY CALDERWOOD, LL.D., Professor of Moral Philosophy in the University of Edinburgh. 14th Ed., largely rewritten. Cr. 8vo. 6s.

CHRISTIANSEN.—ELEMENTS OF THEORETICAL METAPHYSICS. By Prof. Christiansen. Authorised Translation. 8vo. [In preparation.

D'ARCY.—A SHORT STUDY OF ETHICS. By CHARLES F. D'ARCY, D.D. Cr. 8vo. 5s. net.

DEUSSEN.—ELEMENTS OF METAPHYSICS. By Prof. K. DEUSSEN. Cr. 8vo. 6s.

FOWLER.—PROGRESSIVE MORALITY. By T. Fowler, M.A., LL.D. 2nd Ed. Cr. 8vo. 8s. net.

GIDDINGS.—THE THEORY OF SOCIOLOGY. By F. H. GIDDINGS. 8vo. [In the Press.

HILL.—GENETIC PHILOSOPHY. By DAVID J. HILL. Cr. 8vo. 7s. net.

KANT—MAX MÜLLER.—CRITIQUE OF PURE REASON. By IMMANUEL KANT. 2 vols. 8vo. 16s. each. Vol. I. HISTORICAL INTRODUCTION, by LUDWIG NOIRÉ; Vol. II. CRITIQUE OF PURE REASON, translated by F. MAX MÜLLER.

KANT—MAHAFFY—BERNARD.—KANT'S CRITICAL PHILOSOPHY FOR ENGLISH READERS. By Prof. J. P. MAHAFFY, D.D., and JOHN H. BERNARD, B.D. Cr. 8vo.

Vol. I. THE KRITIK OF PURE REASON EXPLAINED AND DEFENDED. 7s. 6d.

Vol. II. THE PROLEGOMENA. Translated with Notes and Appendices. 6s.

KANT.—KRITIK OF JUDGMENT. Translated with Introduction and Notes by J. H. BERNARD, B.D. 8vo. 10s. net.

MCCOSH.—Works by JAMES McCOSH, D.D., President of Princeton College.

FIRST AND FUNDAMENTAL TRUTHS: a Treatise on Metaphysics. 8vo. 9s.

THE PREVAILING TYPES OF PHILOSOPHY. CAN THEY LOGICALLY REACH REALITY? 8vo. 3s. 6d.

MARSHALL.—PAIN, PLEASURE, AND AESTHETICS. By H. R. MARSHALL, M.A. 8vo. 8s. 6d. net.

AESTHETIC PRINCIPLES. Cr. 8vo. 5s. net.

MAURICE.—MORAL AND METAPHYSICAL PHILOSOPHY. By F. D. MAURICE, M.A., late Professor of Moral Philosophy in the University of Cambridge. 4th Ed. 2 vols. 8vo. 16s.

SIDGWICK.—Works by HENRY SIDGWICK, LL.D., D.C.L., Knightbridge Professor of Moral Philosophy in the University of Cambridge.

THE METHODS OF ETHICS. 5th Ed. 8vo. 14s.

OUTLINES OF THE HISTORY OF ETHICS. 3rd Ed. Cr. 8vo. 3s. 6d.

WILLIAMS.—REVIEW OF THE SYSTEM OF ETHICS FOUNDED ON THE THEORY OF EVOLUTION. By C. M. WILLIAMS. Ex. Cr. 8vo. 12s. net.

WINDELBAND.—HISTORY OF PHILOSOPHY. By Dr. W. WINDELBAND. Translated by Prof. J. H. TUFTS, Ph.D. 8vo. 21s. net.

### LOGIC.

BOOLE.—THE MATHEMATICAL ANALYSIS OF LOGIC. Being an Essay towards a Calculus of Deductive Reasoning. By GEORGE BOOLE. 8vo. 5s.

BOSANQUET.—ESSENTIALS OF LOGIC. By B. BOSANQUET, M.A. Cr. 8vo. 3s. net.

CARROLL.—SYMBOLIC LOGIC. By LEWIS CARROLL. Cr. 8vo. 2s. net.

JEVONS.—Works by W. STANLEY JEVONS, F.R.S.

\*A PRIMER OF LOGIC. Pott 8vo. 1s.

\*ELEMENTARY LESSONS IN LOGIC, Deductive and Inductive, with Copious Questions and Examples, and a Vocabulary. Fcap. 8vo. 3s. 6d.

THE PRINCIPLES OF SCIENCE. Cr. 8vo. 12s. 6d.

STUDIES IN DEDUCTIVE LOGIC. 2nd Ed. Cr. 8vo. 6s.

PURE LOGIC: AND OTHER MINOR WORKS. Edited by R. ADAMSON, M.A., LL.D., Professor of Logic at Owens College, Manchester, and HARRIET A. JEVONS. With a Preface by Prof. ADAMSON. 8vo. 10s. 6d.

KEYNES.—FORMAL LOGIC, Studies and Exercises in. By J. N. KEYNES, D.Sc. 3rd Ed., revised and enlarged. 8vo. 12s.

\*RAY.—A TEXT-BOOK OF DEDUCTIVE LOGIC FOR THE USE OF STUDENTS. By P. K. RAY, D.Sc., Professor of Logic and Philosophy, Presidency College, Calcutta. 4th Ed. Globe 8vo. 4s. 6d.

VENN.—Works by JOHN VENN, F.R.S., Examiner in Moral Philosophy in the University of London.

THE LOGIC OF CHANCE. An Essay on the Foundations and Province of the Theory of Probability. 3rd Ed., rewritten and enlarged. Cr. 8vo. 10s. 6d.

SYMBOLIC LOGIC. 2nd Ed. Revised and Rewritten. Cr. 8vo. 10s. 6d.

THE PRINCIPLES OF EMPIRICAL OR INDUCTIVE LOGIC. 8vo. 18s.

## PSYCHOLOGY.

BALDWIN.—HANDBOOK OF PSYCHOLOGY: SENSES AND INTELLECT. By Prof. J. M. BALDWIN, M.A., LL.D. 2nd Ed., revised. 8vo. 8s. 6d. net.

FEELING AND WILL. By the same. 8vo. 8s. 6d. net.

ELEMENTS OF PSYCHOLOGY. By the same. Cr. 8vo. 7s. 6d.

MENTAL DEVELOPMENT IN THE CHILD AND THE RACE. By the same. 8vo. 10s. net.

CATTELL.—EXPERIMENTAL PSYCHOLOGY. By J. M'K. CATTELL. [*In the Press*.]

CLIFFORD.—SEEING AND THINKING. By the late Prof. W. K. CLIFFORD, F.R.S. With Diagrams. Cr. 8vo. 3s. 6d.

HÖFFDING.—OUTLINES OF PSYCHOLOGY. By Prof. H. HÖFFDING. Translated by M. E. LOWNDES. Cr. 8vo. 6s.

JAMES.—THE PRINCIPLES OF PSYCHOLOGY. By WM. JAMES, Professor of Psychology in Harvard University. 2 vols. 8vo. 25s. net.

A TEXT-BOOK OF PSYCHOLOGY. By the same. Cr. 8vo. 7s. net.

JARDINE.—THE ELEMENTS OF THE PSYCHOLOGY OF COGNITION. By Rev. ROBERT JARDINE, D.Sc. 3rd Ed., revised. Cr. 8vo. 6s. 6d.

McCOSH.—PSYCHOLOGY. Cr. 8vo. I. THE COGNITIVE POWERS. 6s. 6d. II. THE MOTIVE POWERS. By JAMES McCOSH, D.D., President of Princeton College. 6s. 6d.

PSYCHOLOGICAL REVIEW. Edited by J. M. CATTELL and Prof. J. M. BALDWIN, M.A., LL.D. 8vo. 3s. net.

## POLITICAL ECONOMY.

BASTABLE.—PUBLIC FINANCE. By C. F. BASTABLE. 8vo. 2nd. Ed. 12s. 6d. net.

BOHM-BAWERK.—CAPITAL AND INTEREST. Translated by WILLIAM SMART, M.A. 8vo. 12s. net.

THE POSITIVE THEORY OF CAPITAL. By the same. 8vo. 12s. net.

CAIRNES.—THE CHARACTER AND LOGICAL METHOD OF POLITICAL ECONOMY. By J. E. CAIRNES. Cr. 8vo. 6s.

SOME LEADING PRINCIPLES OF POLITICAL ECONOMY NEWLY EXPOUNDED. By the same. 8vo. 14s.

CLARE.—THE ABC OF THE FOREIGN EXCHANGES. By GEORGE CLARE. Crown 8vo. 3s. net.

COMMONS.—DISTRIBUTION OF WEALTH. By Prof. J. R. COMMONS. Cr. 8vo. 7s. net.

COSSA.—INTRODUCTION TO THE STUDY OF POLITICAL ECONOMY. By Prof. LUIGI COSSA. Translated by L. DYER, M.A. Cr. 8vo. 8s. 6d. net.

DRAGE.—THE UNEMPLOYED. By G. DRAGE. Cr. 8vo. 3s. 6d. net.

DYER.—EVOLUTION OF INDUSTRY. By H. DYER. 8vo. 10s. net.

ECONOMIC CLASSICS. Edited by Prof. W. J. ASHLEY. Gl. 8vo. 3s. net each.

SELECT CHAPTERS AND PASSAGES FROM THE "WEALTH OF NATIONS" OF ADAM SMITH, 1776.

THE FIRST SIX CHAPTERS OF THE "PRINCIPLES OF POLITICAL ECONOMY AND TAXATION" OF DAVID RICARDO, 1817.

PARALLEL CHAPTERS FROM THE FIRST AND SECOND EDITIONS OF "AN ESSAY ON THE PRINCIPLE OF POPULATION," BY T. R. MALTHUS, 1798-1808.

ENGLAND'S TREASURE BY FORRAIGN TRADE, BY T. MUN, 1664.

PEASANTS' RENTS, BY R. JONES, 1831.

\*FAWCETT.—POLITICAL ECONOMY FOR BEGINNERS, WITH QUESTIONS. By Mrs. HENRY FAWCETT. 7th Ed. Pott 8vo. 2s. 6d.

FAWCETT.—A MANUAL OF POLITICAL ECONOMY. By the Right Hon. HENRY FAWCETT, F.R.S. 7th Ed., revised. Cr. 8vo. 12s.

AN EXPLANATORY DIGEST of above. By C. A. WATERS, B.A. Cr. 8vo. 2s. 6d.

FONDA.—HONEST MONEY. By A. J. FONDA. Cr. 8vo. 3s. 6d. net.

GILMAN.—PROFIT-SHARING BETWEEN EMPLOYER AND EMPLOYEE. By N. P. GILMAN. Cr. 8vo. 7s. 6d.

SOCIALISM AND THE AMERICAN SPIRIT. By the Same. Cr. 8vo. 6s. 6d.

GUNTON.—WEALTH AND PROGRESS. By GEORGE GUNTON. Cr. 8vo. 6s.

HELM.—THE JOINT STANDARD. By ELIJAH HELM. Cr. 8vo. 3s. 6d. net.

HOWELL.—THE CONFLICTS OF CAPITAL AND LABOUR HISTORICALLY AND ECONOMICALLY CONSIDERED. Being a History and Review of the Trade Unions of Great Britain. By G. HOWELL, M.P. 2nd Ed. Cr. 8vo. 7s. 6d.

HANDY BOOK OF THE LABOUR LAWS. 3rd Ed. Cr. 8vo. 3s. 6d. net.

JEVONS.—Works by W. STANLEY JEVONS, F.R.S.

\*PRIMER OF POLITICAL ECONOMY. Pott 8vo. 1s.

THE THEORY OF POLITICAL ECONOMY. 3rd Ed., revised. 8vo. 10s. 6d.

KEYNES.—THE SCOPE AND METHOD OF POLITICAL ECONOMY. By J. N. KEYNES, D.Sc. 7s. net.

MARSHALL.—PRINCIPLES OF ECONOMICS. By ALFRED MARSHALL, M.A., Professor of Political Economy in the University of Cambridge. 2 vols. 8vo. Vol. I. 3rd Ed. 12s. 6d. net.

ELEMENTS OF ECONOMICS OF INDUSTRY. Cr. 8vo. 3s. 6d.

PALGRAVE.—A DICTIONARY OF POLITICAL ECONOMY. By various Writers. Edited by R. H. PALGRAVE, F.R.S. Parts, 3s. 6d. each, net. Vol. I. 21s. net.

PANTALEONI.—PURE ECONOMICS. By Prof. PANTALEONI. Translated by T. BOSTON BRUCE. 8vo. [In the Press.]

RABBENO.—AMERICAN COMMERCIAL POLICY. By U. RABBENO. Translated. 8vo. 12s. net.

RAE.—EIGHT HOURS FOR WORK. By J. RAE, M.A. Cr. 8vo. 4s. 6d. net.

SELIGMAN.—ESSAYS IN TAXATION. By E. R. A. SELIGMAN. 8vo. [In the Press.]

SIDGWICK.—THE PRINCIPLES OF POLITICAL ECONOMY. By HENRY SIDGWICK, LL.D., D.C.L., Knightbridge Professor of Moral Philosophy in the University of Cambridge. 2nd Ed., revised. 8vo. 16s.

SMART.—AN INTRODUCTION TO THE THEORY OF VALUE. By WILLIAM SMART, M.A. Crown 8vo. 3s. net. [In the Press.]

STUDIES IN ECONOMICS.

THOMPSON.—THE THEORY OF WAGES. By H. M. THOMPSON. Cr. 8vo. 3s. 6d.

WALKER.—Works by FRANCIS A. WALKER, M.A.

FIRST LESSONS IN POLITICAL ECONOMY. Cr. 8vo. 5s.

A BRIEF TEXT-BOOK OF POLITICAL ECONOMY. Cr. 8vo. 6s. 6d.

POLITICAL ECONOMY. 2nd Ed., revised and enlarged. 8vo. 12s. 6d.

THE WAGES QUESTION. Ex. Cr. 8vo. 8s. 6d. net.

MONEY. Ex. Cr. 8vo. 8s. 6d. net.

MONEY IN ITS RELATIONS TO TRADE AND INDUSTRY. Cr. 8vo. 7s. 6d.

WICKSTEED.—ALPHABET OF ECONOMIC SCIENCE. By P. H. WICKSTEED, M.A. Part I. Elements of the Theory of Value or Worth. Gl. 8vo. 2s. 6d.

WIESER.—NATURAL VALUE. By Prof. F. von WIESER. Translated by C. H. MALLOCH. Edited by W. SMART, M.A. 8vo. 10s. net.

## LAW AND POLITICS.

**BALL.**—THE STUDENT'S GUIDE TO THE BAR. By W. W. ROUSE BALL, M.A., Fellow of Trinity College, Cambridge. 6th Ed. Revised by J. P. BATE. Cr. 8vo. 2s. 6d. net.

**BOUTMY.**—STUDIES IN CONSTITUTIONAL LAW. By EMILE BOUTMY. Translated by Mrs. DICEY, with Preface by Prof. A. V. DICEY. Cr. 8vo. 6s.

THE ENGLISH CONSTITUTION. By the same. Translated by Mrs. EADEN, with Introduction by Sir F. POLLOCK, Bart. Cr. 8vo. 6s.

\*BUCKLAND.—OUR NATIONAL INSTITUTIONS. By A. BUCKLAND. Pott 8vo. 1s.

CHERRY.—LECTURES ON THE GROWTH OF CRIMINAL LAW IN ANCIENT COMMUNITIES. By R. R. CHERRY, LL.D. 8vo. 5s. net.

DICEY.—INTRODUCTION TO THE STUDY OF THE LAW OF THE CONSTITUTION. By A. V. DICEY, B.C.L. 3rd Ed. 8vo. 12s. 6d.

DILLON.—LAWS AND JURISPRUDENCE OF ENGLAND AND AMERICA. By J. F. DILLON, LL.D. 8vo. 16s. net.

GOODNOW.—MUNICIPAL HOME RULE. By F. J. GOODNOW. Cr. 8vo. 6s. 6d. net.

HOLMES.—THE COMMON LAW. By O. W. HOLMES, Jun. Demy 8vo. 12s.

JENKS.—THE GOVERNMENT OF VICTORIA. By E. JENKS, B.A., LL.B. 8vo. 14s.

\*MATHEW.—REPRESENTATIVE GOVERNMENT. By E. J. MATHEW, M.A. Globe 8vo. 1s. 6d.

MUNRO.—COMMERCIAL LAW. (*See* Commerce, p. 46.)

PHILLIMORE.—PRIVATE LAW AMONG THE ROMANS. From the Pandects. By J. G. PHILLIMORE, Q.C. 8vo. 16s.

PIKE.—CONSTITUTIONAL HISTORY OF THE HOUSE OF LORDS. By L. O. PIKE. 8vo. 12s. 6d. net.

POLLOCK.—ESSAYS IN JURISPRUDENCE AND ETHICS. By Sir FREDERICK POLLOCK, Bart. 8vo. 10s. 6d.

INTRODUCTION TO THE HISTORY OF THE SCIENCE OF POLITICS. By the same. Cr. 8vo. 2s. 6d.

SEELEY.—LECTURES ON POLITICAL SCIENCE. By Sir JOHN R. SEELEY, K.C.M.G. Gl. 8vo. 5s.

SIDGWICK.—ELEMENTS OF POLITICS. By H. SIDGWICK, LL.D. 8vo. 14s. net.

STEPHEN.—Works by Sir JAMES FITZJAMES STEPHEN, Bart.

A DIGEST OF THE LAW OF EVIDENCE. 5th Ed. Cr. 8vo. 6s.

A DIGEST OF THE CRIMINAL LAW: CRIMES AND PUNISHMENTS. 5th Ed., revised. 8vo. 16s.

A DIGEST OF THE LAW OF CRIMINAL PROCEDURE IN INDICTABLE OFFENCES. By Sir J. F. STEPHEN, Bart., and H. STEPHEN. 8vo. 12s. 6d.

A HISTORY OF THE CRIMINAL LAW OF ENGLAND. 3 vols. 8vo. 48s.

A GENERAL VIEW OF THE CRIMINAL LAW OF ENGLAND. 8vo. 14s.

\*STRACHEY.—THE EMPIRE; INDUSTRIAL AND SOCIAL LIFE. By J. ST. L. STRACHEY. Globe 8vo. 1s. 6d.

\*WYATT.—THE ENGLISH CITIZEN, HIS LIFE AND DUTIES. By C. H. WYATT, Clerk to the Manchester School Board. 2nd Ed. Gl. 8vo. 2s.

## ANTHROPOLOGY.

TYLOR.—ANTHROPOLOGY. By E. B. TYLOR, F.R.S., Reader in Anthropology in the University of Oxford. Illustrated. Cr. 8vo. 7s. 6d.

RATZEL.—A HISTORY OF MANKIND. By Prof. F. RATZEL. Trans. by A. J. BUTLER. With Preface by E. B. TYLOR. Illustrated. 8vo. 30 Monthly Parts. 1s. each net.

## EDUCATION.

ARNOLD.—REPORTS ON ELEMENTARY SCHOOLS. 1852-1882. By MATTHEW ARNOLD. Edited by Lord SANDFORD. Cr. 8vo. 3s. 6d.

HIGHER SCHOOLS AND UNIVERSITIES IN GERMANY. By the same. Crown 8vo. 6s.

A FRENCH ETON, AND HIGHER SCHOOLS AND UNIVERSITIES IN FRANCE. By the same. Cr. 8vo. 6s.

## TECHNICAL KNOWLEDGE

BALL.—THE STUDENT'S GUIDE TO THE BAR. (*See Law.*)  
 BARNETT.—THE TRAINING OF GIRLS FOR WORK. By E. A. BARNETT.  
 Gl. 8vo. 2s. 6d.  
 \*BLAKISTON.—THE TEACHER. Hints on School Management. By J. R. BLAKISTON, H.M.I.S. Cr. 8vo. 2s. 6d.  
 CALDERWOOD.—ON TEACHING. By Prof. H. CALDERWOOD. Gl. 8vo. 2s. 6d.  
 FEARON.—SCHOOL INSPECTION. By D. R. FEARON. 6th Ed. Cr. 8vo. 2s. 6d.  
 FITCH.—NOTES ON AMERICAN SCHOOLS AND TRAINING COLLEGES. By J. G. FITCH, M.A., LL.D. Gl. 8vo. 2s. 6d.  
 FLAVELL—ROBINSON.—THE TEACHER'S WORK-BOOK. By A. FLAVELL and G. H. ROBINSON. Fcap. folio. 1s. 6d.  
 THE INFANTS SCHOOL TEACHER'S WORK-BOOK. Fcap. folio. 1s. 6d.  
 GEIKIE.—THE TEACHING OF GEOGRAPHY. (*See Geography, p. 47.*)  
 GLADSTONE.—SPELLING REFORM FROM A NATIONAL POINT OF VIEW. By J. H. GLADSTONE. Cr. 8vo. 1s. 6d.  
 HERTEL.—OVERPRESSURE IN HIGH SCHOOLS IN DENMARK. By Dr. HERTEL. Introd. by Sir J. Crichton-Browne, F.R.S. Cr. 8vo. 3s. 6d.  
 PAULSEN.—THE GERMAN UNIVERSITIES. By F. PAULSEN. Cr. 8vo. 7s. net.  
 RECORD OF TECHNICAL AND SECONDARY EDUCATION. Quarterly. 8vo. Sewed, 2s. 6d. Part I. Nov. 1891.

## TECHNICAL KNOWLEDGE.

Civil and Mechanical Engineering; Military and Naval Science; Agriculture; Domestic Economy; Hygiene; Commerce; Technology.

## CIVIL AND MECHANICAL ENGINEERING.

ALEXANDER—THOMSON.—ELEMENTARY APPLIED MECHANICS. (*See p. 29.*)  
 BERG.—SAFE BUILDING. By L. de C. BERG. 2 Vols. 4th Ed. 4to. 42s. net.  
 CHALMERS.—GRAPHICAL DETERMINATION OF FORCES IN ENGINEERING STRUCTURES. By J. B. CHALMERS, C.E. Illustrated. 8vo. 24s.  
 CLARK.—BUILDING SUPERINTENDENCE. By T. M. CLARK. 12th Ed. 4to. 12s. net.  
 COTTERILL.—APPLIED MECHANICS. (*See p. 29.*)  
 COTTERILL—SLADE.—LESSONS IN APPLIED MECHANICS. (*See p. 29.*)  
 GRAHAM.—GEOMETRY OF POSITION. (*See p. 29.*)  
 HEARSON—HARRISON.—MACHINE DESIGN. By Prof. T. A. HEARSON and J. HARRISON. 8vo. [*In preparation.*]  
 KENNEDY.—THE MECHANICS OF MACHINERY. (*See p. 29.*)  
 LANGMAID—GAISFORD.—ELEMENTARY LESSONS IN STEAM MACHINERY AND IN MARINE STEAM ENGINES. By J. LANGMAID, Chief Engineer R.N., and H. GAISSFORD, R.N. 8vo. 6s. net.  
 PEABODY.—THERMODYNAMICS OF THE STEAM-ENGINE AND OTHER HEAT-ENGINES. (*See p. 32.*)  
 SHANN.—AN ELEMENTARY TREATISE ON HEAT IN RELATION TO STEAM AND THE STEAM-ENGINE. (*See p. 32.*)  
 VIOLET-LE-DUC.—RATIONAL BUILDING. By M. R. E. VIOLET-LE-DUC. Translated by G. M. HUSS. 4to. 12s. 6d. net.  
 WEISBACH.—PUMPING MACHINERY. By J. WEISBACH. [*In the Press.*]  
 WEISBACH—HERRMANN.—THE MECHANICS OF HOISTING MACHINERY. (*See p. 30.*)  
 YEO.—MARINE STEAM-ENGINE. By J. YEO. Illust. Med. 8vo. 7s. 6d. net.  
 YOUNG.—SIMPLE PRACTICAL METHODS OF CALCULATING STRAINS ON GIRDERS, ARCHES, AND TRUSSES. By E. W. YOUNG, C.E. 8vo. 7s. 6d.

## MILITARY AND NAVAL SCIENCE.

FLAGG.—A PRIMER OF NAVIGATION. By A. T. FLAGG. Pott 8vo. 1s.  
 KELVIN.—POPULAR LECTURES AND ADDRESSES. By Lord KELVIN, P.R.S. 3 vols. Illustrated. Cr. 8vo. Vol. III. Navigation. 7s. 6d.

MATTHEWS.—MANUAL OF LOGARITHMS. (*See Mathematics*, p. 27.)

MAURICE.—WAR. By Col. G. F. MAURICE, C.B., R.A. 8vo. 5s. net.

MERCUR.—ELEMENTS OF THE ART OF WAR. By JAMES MERCUR. 8vo. 17s.

PALMER.—TEXT-BOOK OF PRACTICAL LOGARITHMS AND TRIGONOMETRY. (*See Mathematics*, p. 27.)

ROBINSON.—ELEMENTS OF MARINE SURVEYING. For junior Naval Officers. By Rev. J. L. ROBINSON. 2nd Ed. Cr. 8vo. 7s. 6d.

SANDHURST MATHEMATICAL PAPERS. (*See Mathematics*, p. 28.)

SHORTLAND.—NAUTICAL SURVEYING. By Vice-Adm. SHORTLAND. 8vo. 21s.

WILLIAMS.—BRITAIN'S NAVAL POWER. By H. WILLIAMS. Instructor H.M.S. "Britannia." Cr. 8vo. 4s. 6d. net.

WOLSELEY.—Works by Field-Marshal Viscount WOLSELEY, G.C.M.G.

THE SOLDIER'S POCKET-BOOK FOR FIELD SERVICE. 16mo. Roan. 5s.

FIELD POCKET-BOOK FOR THE AUXILIARY FORCES. 16mo. 1s. 6d.

WOOLWICH MATHEMATICAL PAPERS. (*See Mathematics*, p. 28.)

## AGRICULTURE AND FORESTRY.

COLLINS.—GREENHOUSE AND WINDOW PLANTS. By CHARLES COLLINS. Edited by J. WRIGHT. Pott 8vo. 1s.

DEAN.—VEGETABLES AND THEIR CULTIVATION. By A. DEAN. Edited by J. WRIGHT. [*In the Press.*]

FRANKLAND.—AGRICULTURAL CHEMICAL ANALYSIS. By P. F. FRANKLAND, F.R.S., Prof. of Chemistry, University College, Dundee. Cr. 8vo. 7s. 6d.

HARTIG.—TEXT-BOOK OF THE DISEASES OF TREES. By Dr. ROBERT HARTIG. Translated by Wm. SOMERVILLE, B.S., D.C.E., Professor of Agriculture and Forestry, Durham College of Science. 8vo. 10s. net.

LASLETT.—TIMBER AND TIMBER TREES, NATIVE AND FOREIGN. By THOMAS LASLETT. 2nd Ed. Revised by H. MARSHALL WARD, D.Sc. Cr. 8vo. 8s. 6d.

LAURIE.—A PRIMER OF AGRICULTURAL CHEMISTRY, OR THE FOOD OF PLANTS. By A. P. LAURIE, M.A. Pott 8vo. 1s.

MUIR.—MANUAL OF DAIRY-WORK. By Professor JAMES MUIR, Yorkshire College, Leeds. Pott 8vo. 1s.

AGRICULTURE, PRACTICAL AND SCIENTIFIC. Cr. 8vo. 4s. 6d.

NICHOLLS.—A TEXT-BOOK OF TROPICAL AGRICULTURE. By H. A. ALFORD NICHOLLS, M.D. Illustrated. Crown 8vo. 6s.

NISBET.—BRITISH FOREST TREES AND THEIR AGRICULTURAL CHARACTERISTICS AND TREATMENT. By JOHN NISBET, D.C.E., of the Indian Forest Service. Cr. 8vo. 6s. net.

SOMERVILLE.—INSECTS IN RELATION TO AGRICULTURE. By Dr. W. SOMERVILLE. [*In preparation.*]

SMITH.—DISEASES OF FIELD AND GARDEN CROPS, chiefly such as are caused by Fungi. By WORTHINGTON G. SMITH, F.L.S. Fcap. 8vo. 4s. 6d.

TANNER.—\*ELEMENTARY LESSONS IN THE SCIENCE OF AGRICULTURAL PRACTICE. By HENRY TANNER, F.C.S., M.R.A.C., Examiner in Agriculture under the Science and Art Department. Fcap. 8vo. 3s. 6d.

\*FIRST PRINCIPLES OF AGRICULTURE. By the same. Pott 8vo. 1s.

\*THE PRINCIPLES OF AGRICULTURE. For use in Elementary Schools. By the same. Ex. fcap. 8vo. I. The Alphabet. 6d. II. Further Steps. 1s. III. Elementary School Readings for the Third Stage. 1s.

WARD.—TIMBER AND SOME OF ITS DISEASES. By H. MARSHALL WARD, F.R.S., Prof. of Botany, Roy. Ind. Engin. Coll., Cooper's Hill. Cr. 8vo. 6s.

WRIGHT.—A PRIMER OF PRACTICAL HORTICULTURE. By J. WRIGHT, F.R.H.S. Pott 8vo. 1s.

GARDEN FLOWERS AND PLANTS. By the same. Pott 8vo. 1s.

## DOMESTIC ECONOMY.

\*BARKER.—FIRST LESSONS IN THE PRINCIPLES OF COOKING. By LADY BARKER. Pott 8vo. 1s.

\*BARNETT—O'NEILL.—A PRIMER OF DOMESTIC ECONOMY. By E. A. BARNETT and H. C. O'NEILL. Pott 8vo. 1s.

## TECHNICAL KNOWLEDGE

\*COOKERY BOOK.—THE MIDDLE-CLASS COOKERY BOOK. Edited by the Manchester School of Domestic Cookery. Fcap. 8vo. 1s. 6d.

CRAVEN.—A GUIDE TO DISTRICT NURSES. By Mrs. CRAVEN. Cr. 8vo. 2s. 6d.

\*GRAND'HOMME.—CUTTING-OUT AND DRESSMAKING. From the French of Mlle. E. GRAND'HOMME. With Diagrams. Pott 8vo. 1s.

\*GRENFELL.—DRESSMAKING. A Technical Manual for Teachers. By Mrs. HENRY GRENFELL. With Diagrams. Pott 8vo. 1s.

JEX-BLAKE.—THE CARE OF INFANTS. A Manual for Mothers and Nurses. By SOPHIA JEX-BLAKE, M.D. Pott 8vo. 1s.

ROSEVEAR.—MANUAL OF NEEDLEWORK. By E. ROSEVEAR, Lecturer on Needlework, Training College, Stockwell. 3rd Ed. Cr. 8vo. 6s.

NEEDLEWORK FOR THE STANDARDS. St. IV. 6d.; St. V. 8d.; St. VI. & VII. 1s.

NEEDLEWORK FOR EVENING CONTINUATION SCHOOLS. Gl. 8vo. 2s.

\*TEGETMEIER.—HOUSEHOLD MANAGEMENT AND COOKERY. Compiled for the London School Board. By W. B. TEGETMEIER. Pott 8vo. 1s.

\*WRIGHT.—THE SCHOOL COOKERY-BOOK. Compiled and Edited by C. E. GUTHRIE WRIGHT, Hon. Sec. to Edinburgh School of Cookery. Pott 8vo. 1s.

## HYGIENE.

\*BERNERS.—FIRST LESSONS ON HEALTH. By J. BERNERS. Pott 8vo. 1s.

BLYTH.—A MANUAL OF PUBLIC HEALTH. By A. WYNTER BLYTH, M.R.C.S. 8vo. 17s. net.

LECTURES ON SANITARY LAW. By the same. 8vo. 8s. 6d. net.

FAYRER.—PRESERVATION OF HEALTH IN INDIA. By SIR J. FAYRER, K.C.S.I. Pott 8vo. 1s.

MIERS—CROSSKEY.—THE SOIL IN RELATION TO HEALTH. By H. A. MIERS, M.A., F.G.S., F.C.S., and R. CROSSKEY, M.A., D.P.H. Cr. 8vo. 3s. 6d.

\*REYNOLDS.—A PRIMER OF HYGIENE. By E. S. REYNOLDS, M.D., Victoria University Extension Lecturer in Hygiene. Pott 8vo. 1s.

\*WILLOUGHBY.—HANDBOOK OF PUBLIC HEALTH AND DEMOGRAPHY. By Dr. E. F. WILLOUGHBY. Fcap. 8vo. 4s. 6d.

## COMMERCE.

MACMILLAN'S ELEMENTARY COMMERCIAL CLASS BOOKS. Edited by JAMES GOW, Litt.D., Headmaster of the High School, Nottingham. Globe 8vo.

\*THE HISTORY OF COMMERCE IN EUROPE. By H. DE B. GIBBINS, M.A. 3s. 6d.

\*COMMERCIAL GEOGRAPHY. By E. C. K. GONNER, M.A., Professor of Political Economy in University College, Liverpool. 3s.

\*COMMERCIAL ARITHMETIC. By S. JACKSON, M.A. 3s. 6d.

\*MANUAL OF BOOKKEEPING. By J. THORNTON. 7s. 6d.

\*COMMERCIAL GERMAN. By F. COVERLEY SMITH, B.A. 3s. 6d.

COMMERCIAL FRENCH. *[In preparation.]*

\*COMMERCIAL SPANISH. By Prof. DELBOS, Instructor, H.M.S. Britannia, Dartmouth. 3s. 6d.

\*COMMERCIAL LAW. By J. E. C. MUNRO, LL.D., late Professor of Law and Political Economy in the Owens College, Manchester. 3s. 6d.

MARINE INSURANCE. By W. GOW, M.A. (Glasgow), Ph.D. (Heidelberg). 4s. 6d.

## TECHNOLOGY.

BENEDIKT—LEWKOWITSCH.—CHEMICAL ANALYSIS OF OILS, FATS, WAXES, AND OF THE COMMERCIAL PRODUCTS DERIVED THEREFROM. By Dr. R. BENEDIKT. Revised by Dr. J. LEWKOWITSCH. 8vo. 21s. net.

BENSON.—ELEMENTARY HANDICRAFT AND DESIGN. By W. A. S. BENSON. Illustrated. Cr. 8vo. 5s. net.

BURDETT.—BOOT AND SHOE MANUFACTURE. By C. W. B. BURDETT. Illustrated. Cr. 8vo. *[In the Press.]*

\*DEGERDON.—THE GRAMMAR OF WOODWORK. By W. E. DEGERDON, Head Instructor, Whitechapel Craft School. 4to. 2s. sewed; 3s. cloth.

FOX.—THE MECHANISM OF WEAVING. By T. W. FOX. Cr. 8vo. 7s. 6d. net.

LAURIE.—(See Art, p. 50).

LETHABY.—LEAD WORK. By W. R. LETHABY. Illust. Cr. 8vo. 4s. 6d. net.

LOUIS.—GOLD MILLING. By H. LOUIS. Cr. 8vo. 10s. net.

VICKERMAN.—WOOLLEN SPINNING. By C. VICKERMAN. Illustrated. Cr. 8vo. 6s. net.

WALKER.—VARIED OCCUPATIONS IN WEAVING AND CANE AND STRAW WORK. By L. WALKER. Gl. 8vo. 3s. 6d.

VARIED OCCUPATIONS IN STRING WORK. By the same. [In the Press.]

## GEOGRAPHY.

(See also PHYSICAL GEOGRAPHY, p. 35.)

BARTHOLOMEW.—\*THE ELEMENTARY SCHOOL ATLAS. By JOHN BARTHOLOMEW, F.R.G.S. 4to. 1s.

\*MACMILLAN'S SCHOOL ATLAS, PHYSICAL AND POLITICAL. 80 Maps and Index. By the same. Royal 4to. 8s. 6d. Half-morocco, 10s. 6d.

THE LIBRARY REFERENCE ATLAS OF THE WORLD. By the same. 84 Maps and Index to 100,000 places. Half-morocco. Gilt edges. Folio. £2:12:6 net. Also in parts, 5s. each net. Index, 7s. 6d. net.

\*CLARKE.—CLASS-BOOK OF GEOGRAPHY. By C. B. CLARKE, F.R.S. With 18 Maps. Fcap. 8vo. 2s. 6d.; sewed, 2s.; without Maps, sewed, 1s. 6d.

\*GONNER.—COMMERCIAL GEOGRAPHY. By E. C. K. GONNER, M.A., Professor of Political Economy in University College, Liverpool. 3s.

\*GREEN.—A SHORT GEOGRAPHY OF THE BRITISH ISLANDS. By JOHN RICHARD GREEN, LL.D., and A. S. GREEN. With Maps. Fcap. 8vo. 3s. 6d.

\*GROVE.—A PRIMER OF GEOGRAPHY. By Sir GEORGE GROVE. Pott 8vo. 1s.

KIEPERT.—A MANUAL OF ANCIENT GEOGRAPHY. By Dr. H. KIEPERT. Cr. 8vo. 5s.

MACMILLAN'S GEOGRAPHICAL SERIES.—Edited by Sir ARCHIBALD GEIKIE, F.R.S., Director-General of the Geological Survey of the United Kingdom.

\*THE TEACHING OF GEOGRAPHY. A Practical Handbook for the Use of Teachers. By Sir ARCHIBALD GEIKIE, F.R.S. Cr. 8vo. 2s.

\*MAPS AND MAP-DRAWING. By W. A. ELDERTON. Pott 8vo. 1s.

\*GEOGRAPHY OF THE BRITISH ISLES. By Sir A. GEIKIE, F.R.S. Pott 8vo. 1s.

\*AN ELEMENTARY CLASS-BOOK OF GENERAL GEOGRAPHY. By H. R. MILL, D.Sc. Illustrated. Cr. 8vo. 3s. 6d.

\*GEOGRAPHY OF EUROPE. By J. SIME, M.A. Illustrated. Gl. 8vo. 2s.

\*ELEMENTARY GEOGRAPHY OF INDIA, BURMA, AND CEYLON. By H. F. BLANFORD, F.G.S. Gl. 8vo. 1s. 9d.

\*ELEMENTARY GEOGRAPHY OF THE BRITISH COLONIES. By G. M. DAWSON, LL.D., and A. SUTHERLAND. Globe 8vo. 2s.

\*GEOGRAPHY OF AFRICA. By EDWARD HEWOOD. [In preparation.]

STRACHEY.—LECTURES ON GEOGRAPHY. By General RICHARD STRACHEY, R.E. Cr. 8vo. 4s. 6d.

SUTHERLAND.—GEOGRAPHY OF VICTORIA. By A. SUTHERLAND. Pott. 8vo. 1s.

CLASS-BOOK OF GEOGRAPHY. For use in Elementary Schools in Victoria. By the same. Fcap. 8vo. 2s. 6d.

\*TOZER.—A PRIMER OF CLASSICAL GEOGRAPHY. By H. F. TOZER, M.A. Pott 8vo. 1s.

## HISTORY.

ACTON.—A LECTURE ON THE STUDY OF HISTORY. By the Right Hon. Lord ACTON, LL.D., D.C.L. Gl. 8vo. 2s. 6d.

ARNOLD.—THE SECOND PUNIC WAR. (See Classics, p. 12.)

ARNOLD.—A HISTORY OF THE EARLY ROMAN EMPIRE. (See p. 12.)

\*BEESLY.—STORIES FROM THE HISTORY OF ROME. (See p. 12.)

BRYCE.—THE HOLY ROMAN EMPIRE. By Right Hon. JAMES BRYCE, M.P., D.C.L. Cr. 8vo. 7s. 6d. Library Edition. 8vo. 14s.

\*BUCKLEY.—A HISTORY OF ENGLAND FOR BEGINNERS. By ARABELLA B. BUCKLEY. With Maps and Tables. Gl. 8vo. 3s.

BURY.—A HISTORY OF THE LATER ROMAN EMPIRE FROM ARCIADUS TO IRENE. (*See* Classics, p. 12.)

HISTORY OF GREECE.—(*See* p. 12.)

CASSEL.—MANUAL OF JEWISH HISTORY AND LITERATURE. By Dr. D. CASSEL. Translated by Mrs. HENRY LUCAS. Fcap. 8vo. 2s. 6d.

ENGLISH STATESMEN, TWELVE. Cr. 8vo. 2s. 6d. each.

WILLIAM THE CONQUEROR. By EDWARD A. FREEMAN, D.C.L., LL.D.

HENRY II. By Mrs. J. R. GREEN.

EDWARD I. By Prof. T. F. TOUT.

HENRY VII. By JAMES GAIRDNER.

CARDINAL WOLSEY. By Bishop CREIGHTON.

ELIZABETH. By E. S. BEESLY.

OLIVER CROMWELL. By FREDERIC HARRISON.

WILLIAM III. By H. D. TRAILL.

WALPOLE. By JOHN MORLEY.

CHATHAM. By JOHN MORLEY.

PITT. By Earl of ROSEBERY.

PEEL. By J. R. THURSFIELD.

[*In preparation.*]

FISKE.—Works by JOHN FISKE, formerly Lecturer on Philosophy at Harvard University.

THE CRITICAL PERIOD IN AMERICAN HISTORY, 1783-1789. 10s. 6d.

THE BEGINNINGS OF NEW ENGLAND. Cr. 8vo. 7s. 6d.

THE AMERICAN REVOLUTION. 2 vols. Cr. 8vo. 18s.

THE DISCOVERY OF AMERICA. 2 vols. Cr. 8vo. 18s.

FOREIGN STATESMEN. Crown 8vo. 2s. 6d. each.

RICHELIEU. By R. LODGE.

FREEMAN.—Works by the late EDWARD A. FREEMAN, D.C.L.

\*OLD ENGLISH HISTORY. With Maps. Ex. fcap. 8vo. 6s.

METHODS OF HISTORICAL STUDY. 8vo. 10s. 6d.

THE CHIEF PERIODS OF EUROPEAN HISTORY. 8vo. 10s. 6d.

HISTORICAL ESSAYS. 8vo. First Series. 10s. 6d. Second Series. 10s. 6d.

Third Series. 12s. Fourth Series. 12s. 6d.

THE GROWTH OF THE ENGLISH CONSTITUTION FROM THE EARLIEST TIMES. 5th Ed. Cr. 8vo. 5s.

WESTERN EUROPE IN THE FIFTH CENTURY. 8vo.

WESTERN EUROPE IN THE EIGHTH CENTURY. 8vo. [*In the Press.*]

GREEN.—Works by JOHN RICHARD GREEN, LL.D.

\*A SHORT HISTORY OF THE ENGLISH PEOPLE. Cr. 8vo. 8s. 6d.

\*Also in Four Parts. With Analysis. Crown 8vo. 3s. each. Part I. 607-1265. Part II. 1265-1540. Part III. 1540-1689. Part IV. 1660-1873.

Illustrated Edition. Med. 8vo. 4 vols. 12s. each, net.

HISTORY OF THE ENGLISH PEOPLE. In four vols. 8vo. 16s. each.

Vol. I.—Early England, 449-1071; Foreign Kings, 1071-1214; The Charter, 1214-1291; The Parliament, 1307-1461. 8 Maps.

Vol. II.—The Monarchy, 1461-1540; The Reformation, 1540-1603.

Vol. III.—Puritan England, 1603-1660; The Revolution, 1660-1688. 4 Maps.

Vol. IV.—The Revolution, 1688-1760; Modern England, 1760-1815.

THE MAKING OF ENGLAND (449-829). With Maps. 8vo. 16s.

THE CONQUEST OF ENGLAND (758-1071). With Maps and Portrait. 8vo. 18s.

\*ANALYSIS OF ENGLISH HISTORY, based on Green's "Short History of the English People." By C. W. A. TAIT, M.A. Crown 8vo. 3s. 6d.

\*READINGS FROM ENGLISH HISTORY. Selected by J. R. GREEN. Three Parts. Gl. 8vo. 1s. 6d. each. I. Hengist to Cressy. II. Cressy to Cromwell. III. Cromwell to Balaklava.

GREEN.—TOWN LIFE IN THE FIFTEENTH CENTURY. By ALICE STOPFORD GREEN. 2 vols. 8vo. 32s.

GUEST.—LECTURES ON THE HISTORY OF ENGLAND. By M. J. GUEST. With Maps. Cr. 8vo. 6s.

HARRISON.—THE MEANING OF HISTORY. By F. HARRISON. Ex. Cr. 8vo. 8s. 6d. net.

\*HISTORICAL COURSE FOR SCHOOLS.—Edited by E. A. FREEMAN. Pott 8vo.

GENERAL SKETCH OF EUROPEAN HISTORY. By E. A. FREEMAN. 3s. 6d.

HISTORY OF ENGLAND. By EDITH THOMPSON. 2s. 6d.

HISTORY OF SCOTLAND. By MARGARET MACARTHUR. 2s.

HISTORY OF FRANCE. By CHARLOTTE M. YONGE. 3s. 6d.

HISTORY OF GERMANY. By J. SIME, M.A. 3s.

HISTORY OF ITALY. By Rev. W. HUNT, M.A. 3s. 6d.

HISTORY OF AMERICA. By JOHN A. DOYLE. 4s. 6d.

HISTORY OF EUROPEAN COLONIES. By E. J. PAYNE, M.A. 4s. 6d.

HISTORY OF ROME. By E. S. SHUCKBURGH, M.A. [In preparation.]

\*HISTORY PRIMERS.—Edited by JOHN RICHARD GREEN, LL.D. Pott 8vo. 1s. each.

ROME. By Bishop CREIGHTON.

GREECE. By C. A. FYFFE, M.A., late Fellow of University College, Oxford.

CATALOGUE OF LANTERN SLIDES TO ILLUSTRATE ABOVE. With Notes by Rev. T. FIELD, M.A. Pott 8vo. Sewed, 6d.

EUROPE. By E. A. FREEMAN, D.C.L.

FRANCE. By CHARLOTTE M. YONGE.

ROMAN ANTIQUITIES. By Prof. WILKINS, Litt.D. Illustrated.

GREEK ANTIQUITIES. By Rev. J. P. MAHAFFY, D.D. Illustrated.

GEOGRAPHY. By Sir G. GROVE, D.C.L. Maps.

CLASSICAL GEOGRAPHY. By H. F. TOZER, M.A.

ENGLAND. By ARABELLA B. BUCKLEY.

ANALYSIS OF ENGLISH HISTORY. By Prof. T. F. TOUT, M.A.

INDIAN HISTORY: ASIATIC AND EUROPEAN. By J. TALBOYS WHEELER.

HOLE.—A GENEALOGICAL STEMMA OF THE KINGS OF ENGLAND AND FRANCE. By Rev. C. HOLE. On Sheet. 1s.

HOLM.—HISTORY OF GREECE. (See Antiquities, p. 18.)

JENNINGS.—CHRONOLOGICAL TABLES OF ANCIENT HISTORY. By Rev. A. C. JENNINGS. 8vo. 5s.

LABBERTON.—NEW HISTORICAL ATLAS AND GENERAL HISTORY. By R. H. LABBERTON. 4to. 15s.

LETHBRIDGE.—A SHORT MANUAL OF THE HISTORY OF INDIA. With an Account of INDIA AS IT IS. By Sir ROPER LETHBRIDGE. Cr. 8vo. 5s.

A HISTORY OF INDIA. New Edition. (1893.) Cr. 8vo. 2s.; sewed, 1s. 6d.

LIGHTFOOT.—ESSAYS IN HISTORICAL SUBJECTS. By J. B. LIGHTFOOT, D.D., LL.D. Gl. 8vo. 5s. [In the Press.]

\*MACMILLAN'S HISTORY READERS. Adapted to the New Code, 1894. Gl. 8vo. Book I. 9d. Book II. 10d. Book III. 1s. Book IV. 1s. 3d. Book V. 1s. 6d. Book VI. 1s. 6d. Book VII. 1s. 6d.

MAHAFFY.—GREEK LIFE AND THOUGHT FROM THE AGE OF ALEXANDER TO THE ROMAN CONQUEST. (See Classics, p. 18.)

THE GREEK WORLD UNDER ROMAN SWAY. (See Classics, p. 18.)

PROBLEMS IN GREEK HISTORY. (See Classics, p. 18.)

HISTORY OF THE PTOLEMIES. (See p. 18.)

MARRIOTT.—THE MAKERS OF MODERN ITALY: MAZZINI, CAVOUR, GARIBOLDI. By J. A. R. MARRIOTT, M.A. Cr. 8vo. 1s. 6d.

MATHEW.—A HISTORY OF ENGLAND. By E. J. MATHEW, M.A. [In the Press.]

MICHELET.—A SUMMARY OF MODERN HISTORY. By M. MICHELET. Translated by M. C. M. SIMPSON. Gl. 8vo. 4s. 6d.

NORGATE.—ENGLAND UNDER THE ANGEVIN KINGS. By KATE NORGATE. With Maps and Plans. 2 vols. 8vo. 32s.

OTTE.—SCANDINAVIAN HISTORY. By E. C. OTTE. With Maps. Gl. 8vo. 6s.

RHODES.—HISTORY OF THE UNITED STATES. 1850-1880. By J. F. RHODES. Vols. I. and II. 8vo. 24s. Vol. III. 8vo. 12s.

SHUCKBURGH.—A HISTORY OF ROME. (See p. 14.)

SEELEY.—THE EXPANSION OF ENGLAND. By Sir J. R. SEELEY, Regius Professor of Modern History in the University of Cambridge. Cr. 8vo. 4s. 6d.

OUR COLONIAL EXPANSION. Extracts from the above. Cr. 8vo. Sewed. 1s.

SEWELL—YONGE.—EUROPEAN HISTORY. Selections from the Best Authorities. Edited by E. M. SEWELL and C. M. YONGE. Cr. 8vo. First Series, 1003-1154. 6s. Second Series, 1088-1228. 6s.

SMITH.—THE UNITED STATES: AN OUTLINE OF POLITICAL HISTORY, 1492-1871. By GOLDWIN SMITH, D.C.L. Cr. 8vo. 8s. 6d.

STEVENS.—SOURCES OF THE CONSTITUTION OF UNITED STATES. By C. E. STEVENS, LL.D. Cr. 8vo. 6s. 6d. net.

\*TAIT.—ANALYSIS OF ENGLISH HISTORY. (*See under Green*, p. 48.)  
 WHEELER.—Works by J. TALBOYS WHEELER.  
 \*A PRIMER OF INDIAN HISTORY. Pott 8vo. 1s.  
 \*COLLEGE HISTORY OF INDIA. With Maps. Cr. 8vo. 3s.; sewed, 2s. 6d.  
 A SHORT HISTORY OF INDIA AND OF THE FRONTIER STATES OF AFGHANISTAN, NEPAUL, AND BURMA. With Maps. Cr. 8vo. 12s.  
 YONGE.—Works by CHARLOTTE M. YONGE.  
 CAMEOS FROM ENGLISH HISTORY. Ex. scap. 8vo. 5s. each. (1) From Rollo to Edward II. (2) The Wars in France. (3) The Wars of the Roses. (4) Reformation Times. (5) England and Spain. (6) Forty Years of Stuart Rule (1603-1643). (7) Rebellion and Restoration (1642-1678).  
 THE VICTORIAN HALF CENTURY. Cr. 8vo. 1s. 6d.; sewed, 1s.

## ART.

\*ANDERSON.—LINEAR PERSPECTIVE AND MODEL DRAWING. With Questions and Exercises. By LAURENCE ANDERSON. Illustrated. 8vo. 2s.  
 BENSON.—*See Technology*, p. 45.  
 COLLIER.—A PRIMER OF ART. By Hon. JOHN COLLIER. Pott 8vo. 1s.  
 COOK.—THE NATIONAL GALLERY, A POPULAR HANDBOOK TO. By E. T. COOK, with preface by Mr. RUSKIN, and Selections from his Writings. 4th Ed., 1893. Cr. 8vo. Half-mor., 14s.  
 DELAMOTTE.—A BEGINNER'S DRAWING BOOK. By P. H. DELAMOTTE, F.S.A. Progressively arranged. Cr. 8vo. 3s. 6d.  
 ELLIS.—SKETCHING FROM NATURE. A Handbook. By TRISTRAM J. ELLIS. Illustrated by H. STACY MARKS, R.A., and the Author. Cr. 8vo. 3s. 6d.  
 GROVE.—A DICTIONARY OF MUSIC AND MUSICIANS. 1450-1889. Edited by Sir GEORGE GROVE. 4 vols. 8vo. 21s. each. INDEX. 7s. 6d.  
 HUNT.—TALKS ABOUT ART. By WILLIAM HUNT. Cr. 8vo. 3s. 6d.  
 HUTCHINSON.—SOME HINTS ON LEARNING TO DRAW. By G. W. C. HUTCHINSON, Art Master at Clifton College. Sup. Roy. 8vo. 8s. 6d.  
 LA FARGE.—LECTURES ON ART. By JOHN LA FARGE. Cr. 8vo. [*In the Press*.]  
 LAURIE.—FACTS ABOUT PROCESSES, PIGMENTS, AND VEHICLES. By A. P. LAURIE, M.A., B.Sc. Cr. 8vo. 3s. net.  
 LETHABY.—*See under Technology*, p. 47.  
 MELDOLA.—THE CHEMISTRY OF PHOTOGRAPHY. By RAPHAEL MELDOLA, F.R.S., Professor of Chemistry in the Technical College, Finsbury. Cr. 8vo. 6s.  
 TAYLOR.—PRIMER OF PIANOFORTE-PLAYING. By F. TAYLOR. Pott 8vo. 1s.  
 TAYLOR.—A SYSTEM OF SIGHT-SINGING FROM THE ESTABLISHED MUSICAL NOTATION. By SEDLEY TAYLOR, M.A. 8vo. 5s. net.  
 \*TAYLOR.—DRAWING AND DESIGN. By E. R. TAYLOR, Principal of the Birmingham School of Art. Illustrated. Oblong Cr. 8vo. 2s. 6d.  
 THOMPSON.—ANIMAL ANATOMY FOR ARTISTS. By ERNEST E. THOMPSON. Illustrated. 8vo. [*In the Press*.]  
 TYRWHITT.—OUR SKETCHING CLUB. Letters and Studies on Landscape Art. By Rev. R. ST. JOHN TYRWHITT. Cr. 8vo. 7s. 6d.  
 WARE.—MODERN PERSPECTIVE. By W. R. WARE. 5th Ed. with Plates. 4to. 21s. net.

## DIVINITY.

The Bible; History of the Christian Church; The Church of England; The Fathers; Hymnology.

### THE BIBLE.

*History of the Bible*.—THE ENGLISH BIBLE; A Critical History of the various English Translations. By Prof. JOHN EADIE. 2 vols. 8vo. 28s.  
 THE BIBLE IN THE CHURCH. By Right Rev. B. F. WESTCOTT, Bishop of Durham. 10th Ed. Pott 8vo. 4s. 6d.  
*Biblical History*.—BIBLE LESSONS. By Rev. E. A. ABBOTT. Cr. 8vo. 4s. 6d.  
 SIDE-LIGHTS UPON BIBLE HISTORY. By Mrs. SYDNEY BUXTON. Cr. 8vo. 5s.  
 STORIES FROM THE BIBLE. By Rev. A. J. CHURCH. Illustrated. Cr. 8vo. 2 parts. 3s. 6d. each.

\*BIBLE READINGS SELECTED FROM THE PENTATEUCH AND THE BOOK OF JOSHUA. By Rev. J. A. CROSS. Gl. 8vo. 2s. 6d.

\*THE CHILDREN'S TREASURY OF BIBLE STORIES. By Mrs. H. GASKOIN. Pott 8vo. 1s. each. Part I. OLD TESTAMENT. Part II. NEW TESTAMENT. Part III. THE APOSTLES.

\*A CLASS-BOOK OF OLD TESTAMENT HISTORY. By Rev. G. F. MACLEAR, D.D. Pott 8vo. 4s. 6d.

\*A CLASS-BOOK OF NEW TESTAMENT HISTORY. Pott 8vo. 5s. 6d.

\*A SHILLING BOOK OF OLD TESTAMENT HISTORY. Pott 8vo. 1s.

\*A SHILLING BOOK OF NEW TESTAMENT HISTORY. Pott 8vo. 1s.

\*SCRIPTURE READINGS FOR SCHOOLS AND FAMILIES. By C. M. YONGE. Globe 8vo. 1s. 6d. each; also with comments, 3s. 6d. each. GENESIS TO DEUTERONOMY. JOSHUA TO SOLOMON. KINGS AND THE PROPHETS. THE GOSPEL TIMES. APOSTOLIC TIMES.

*The Modern Reader's Bible*.—A Series of Books from the Sacred Scriptures presented in Modern Literary Form. The first volumes issued will comprehend "WISDOM LITERATURE." Four leading representatives of this (in the Bible and Apocrypha) will be issued in the order calculated to bring out the connection of their thought. Edited, with an Introduction, by RICHARD G. MOULTON, M.A. (Camb.), Ph.D. (Penn.), Professor of Literature in English in the University of Chicago.

PROVERBS. A Miscellany of Sayings and Poems embodying isolated Observations of Life. [In the Press.]

ECCLESIASTICUS. A Miscellany including longer compositions, still embodying only isolated Observations of Life. [In the Press.]

ECCLESIASTES—WISDOM OF SOLOMON. Each is a Series of Connected Writings embodying, from different standpoints, a solution of the whole Mystery of Life. [In the Press.]

THE BOOK OF JOB. A Dramatic Poem in which are embodied Varying Solutions of the Mystery of Life. [In the Press.]

*The Old Testament*.—THE PATRIARCHS AND LAWGIVERS OF THE OLD TESTAMENT. By F. D. MAURICE. Cr. 8vo. 3s. 6d.

THE PROPHETS AND KINGS OF THE OLD TESTAMENT. By the same. Cr. 8vo. 3s. 6d.

THE CANON OF THE OLD TESTAMENT. By Rev. H. E. RYLE, D.D., Hulsean Professor of Divinity in the University of Cambridge. 2nd Edition. Cr. 8vo. 6s.

THE EARLY NARRATIVES OF GENESIS. By the same. Cr. 8vo. 3s. net.

PHILO AND HOLY SCRIPTURE. By the same. Cr. 8vo. 10s. net.

A COMMENTARY ON THE BIBLE FOR JEWISH CHILDREN. By C. G. MONTEFIORE. [In the Press.]

THE DIVINE LIBRARY OF THE OLD TESTAMENT. By A. F. KIRKPATRICK, M.A., Professor of Hebrew in the University of Cambridge. Cr. 8vo. 3s. net.

HISTORY, PROPHECY, AND THE MONUMENTS. By J. F. M'CURDY, Ph.D. Vol. I. 8vo. 14s. net. Vol. II. 14s. net.

*The Pentateuch*.—AN HISTORICO-CRITICAL INQUIRY INTO THE ORIGIN AND COMPOSITION OF THE PENTATEUCH AND BOOK OF JOSHUA. By Prof. A. KUENEN. Trans. by P. H. WICKSTEED, M.A. 8vo. 14s.

*The Psalms*.—THE PSALMS CHRONOLOGICALLY ARRANGED. By FOUR FRIENDS. Cr. 8vo. 5s. net.

GOLDEN TREASURY PSALTER. Student's Edition of above. Pott 8vo. 2s. 6d. net.

THE PSALMS, WITH INTRODUCTION AND NOTES. By A. C. JENNINGS, M.A., and W. H. LOWE, M.A. 2 vols. Cr. 8vo. 10s. 6d. each.

INTRODUCTION TO THE STUDY AND USE OF THE PSALMS. By Rev. J. F. THRUPP. 2nd Ed. 2 vols. 8vo. 21s.

*Isaiah*.—ISAIAH XL.-LXVI. With the Shorter Prophecies allied to it. Edited by MATTHEW ARNOLD. Cr. 8vo. 5s.

ISAIAH OF JERUSALEM. In the Authorised English Version, with Introduction and Notes. By the same. Cr. 8vo. 4s. 6d.

A BIBLE-READING FOR SCHOOLS,—THE GREAT PROPHECY OF ISRAEL'S RESTORATION (Isaiah, Chapters xl.-lxvi.) Arranged and Edited for Young Learners. By the same. Pott 8vo. 1s.

THE BOOK OF ISAIAH CHRONOLOGICALLY ARRANGED. By T. K. CHEYNE. Cr. 8vo. 7s. 6d.

Zechariah.—THE HEBREW STUDENT'S COMMENTARY ON ZECHARIAH, HEBREW AND LXX. By W. H. LOWE, M.A. 8vo. 10s. 6d.

The Minor Prophets.—DOCTRINE OF THE PROPHETS. By Prof. A. F. KIRK-PATRICK. Cr. 8vo. 6s.

The New Testament.—THE MESSAGES OF THE BOOKS. Discourses and Notes on the Books of the New Testament. By Dean FARRAR. 8vo. 14s.

GREEK-ENGLISH LEXICON TO THE NEW TESTAMENT. By W. J. HICKIE, M.A. Pott 8vo. 3s.

ON A FRESH REVISION OF THE ENGLISH NEW TESTAMENT. By Bishop LIGHTFOOT. Cr. 8vo. 7s. 6d.

UNITY OF THE NEW TESTAMENT. By F. D. MAURICE. 2 vols. Cr. 8vo. 12s.

A GENERAL SURVEY OF THE HISTORY OF THE CANON OF THE NEW TESTAMENT DURING THE FIRST FOUR CENTURIES. By Bishop WESTCOTT. Cr. 8vo. 10s. 6d.

THE NEW TESTAMENT IN THE ORIGINAL GREEK. The Text revised by Bishop WESTCOTT, D.D., and Prof. F. J. A. HORT, D.D. 2 vols. Cr. 8vo. 10s. 6d. each. Vol. I. Text. Vol. II. Introduction and Appendix.

SCHOOL EDITION OF THE ABOVE. Pott 8vo. 4s. 6d.; roan, 5s. 6d.; morocco, gilt edges, 6s. 6d. Library Edition. 8vo. 10s. net.

ESSENTIALS OF NEW TESTAMENT GREEK. By J. H. HUDDILSTON. Pott 8vo. 3s. net.

The Gospels.—TRANSLATION OF THE FOUR GOSPELS FROM THE SYRIAC OF THE SINIATIC PALIMPSEST. By A. S. LEWIS. Cr. 8vo. 6s. net.

COMMON TRADITION OF THE SYNOPTIC GOSPELS, in the Text of the Revised Version. By Rev. E. A. ABBOTT and W. G. RUSHBROOKE. Cr. 8vo. 3s. 6d.

SYNOPTICON: AN EXPOSITION OF THE COMMON MATTER OF THE SYNOPTIC GOSPELS. By W. G. RUSHBROOKE. Printed in Colours. 4to. 35s. "Indispensable to a Theological Student."—*The Cambridge Guide*.

ESSAYS ON THE WORK ENTITLED "SUPERNATURAL RELIGION." A discussion of the authenticity of the Gospels. By Bishop LIGHTFOOT. 2nd Ed. 8vo. 10s. 6d.

INTRODUCTION TO THE STUDY OF THE FOUR GOSPELS. By Bishop WESTCOTT. Cr. 8vo. 10s. 6d.

THE COMPOSITION OF THE FOUR GOSPELS. By Rev. A. WRIGHT. Cr. 8vo. 5s.

THE SYNOPTIC PROBLEM FOR ENGLISH READERS. By A. J. JOLLY. 3s. net.

THE AKHMIM FRAGMENT OF THE APOCRYPHAL GOSPEL OF ST. PETER. With Introduction by H. B. SWETE, D.D., Litt.D. 8vo. 5s. net.

SYRO-LATIN TEXT OF THE GOSPELS. By F. H. CHASE, D.D. 8vo. 7s. 6d. net.

The Gospel according to St. Matthew.—\*THE GREEK TEXT, with Introduction and Notes by Rev. A. SLOMAN. Fcap. 8vo. 2s. 6d.

CHOICE NOTES ON ST. MATTHEW. Drawn from Old and New Sources. Cr. 8vo. 4s. 6d. (St. Matthew and St. Mark in 1 vol. 9s.)

The Gospel according to St. Mark.—THE GREEK TEXT, with Introduction and Commentary. By H. B. SWETE, D.D., Litt.D. 8vo. [In preparation.]

\*SCHOOL READINGS IN THE GREEK TESTAMENT. With Notes and Vocabulary, by Rev. A. CALVERT. Fcap. 8vo. 2s. 6d.

THE GREEK TEXT, with Introduction and Notes. By Rev. J. O. F. MURRAY, M.A. [In preparation.]

The Gospel according to St. Luke.—\*THE GREEK TEXT, with Introduction and Notes by Rev. J. BOND, M.A. Fcap. 8vo. 2s. 6d.

CHOICE NOTES ON ST. LUKE. Cr. 8vo. 4s. 6d.

THE GOSPEL OF THE KINGDOM OF HEAVEN. A Course of Lectures on the Gospel of St. Luke. By F. D. MAURICE. Cr. 8vo. 3s. 6d.

The Gospel according to St. John.—THE GOSPEL OF ST. JOHN. By F. D. MAURICE. Cr. 8vo. 3s. 6d.

CHOICE NOTES ON ST. JOHN. Cr. 8vo. 4s. 6d.

The Acts of the Apostles.—\*THE GREEK TEXT, with Notes by T. E. PAGE, M.A. Fcap. 8vo. 3s. 6d.

THE AUTHORISED VERSION, with Notes. By T. E. PAGE, M.A., and Rev. A. S. WALPOLE, M.A. Fcap. 8vo. 2s. 6d.

THE ACTS OF THE APOSTLES. By F. D. MAURICE. Cr. 8vo. 3s. 6d.

THE CHURCH OF THE FIRST DAYS: THE CHURCH OF JERUSALEM, THE CHURCH OF THE GENTILES, THE CHURCH OF THE WORLD. By Very Rev. C. J. VAUGHAN. Cr. 8vo. 10s. 6d.

THE OLD SYRIAC ELEMENT IN THE TEXT OF THE CODEX BEZAE. By Rev. F. H. CHASE. 8vo. 7s. 6d. net.

*The Epistles of St. Paul.*—THE EPISTLE TO THE ROMANS. The Greek Text, with English Notes. By the Very Rev. C. J. VAUGHAN. 7th Ed. Cr. 8vo. 7s. 6d.

PROLEGOMENA TO ST. PAUL'S EPISTLES TO THE ROMANS AND THE EPHESIANS. By the late Prof. HORT. Cr. 8vo. 6s.

THE EPISTLES TO THE CORINTHIANS. Greek Text, with Commentary. By Rev. W. KAY. 8vo. 9s.

THE EPISTLE TO THE GALATIANS. A Revised Text, with Introduction, Notes, and Dissertations. By Bishop LIGHTFOOT. 10th Ed. 8vo. 12s.

THE EPISTLE TO THE PHILIPPIANS. A Revised Text, with Introduction, Notes, and Dissertations. By the same. 8vo. 12s.

THE EPISTLE TO THE PHILIPPIANS. With Translation, Paraphrase, and Notes for English Readers. By Very Rev. C. J. VAUGHAN. Cr. 8vo. 5s.

THE EPISTLE TO THE COLOSSIANS AND TO PHILEMON. A Revised Text, with Introductions, etc. By Bishop LIGHTFOOT. 9th Ed. 8vo. 12s.

THE EPISTLES TO THE EPHESIANS, THE COLOSSIANS, AND PHILEMON. With Introduction and Notes. By Rev. J. LL. DAVIES. 8vo. 7s. 6d.

THE FIRST EPISTLE TO THE THESSALONIANS. By Very Rev. C. J. VAUGHAN. 8vo. Sewed, 1s. 6d.

THE EPISTLES TO THE THESSALONIANS. Commentary on the Greek Text. By Prof. JOHN EADIE. 8vo. 12s.

NOTES ON THE EPISTLES OF ST. PAUL. By Bishop LIGHTFOOT. 8vo. 12s.

*The Epistle of St. James.*—THE GREEK TEXT, with Introduction and Notes. By Rev. JOSEPH B. MAYOR. 8vo. 14s.

*The Epistles of St. John.*—THE EPISTLES OF ST. JOHN. By F. D. MAURICE. Cr. 8vo. 3s. 6d.

THE GREEK TEXT, with Notes. By Bishop WESTCOTT. 2nd Ed. 8vo. 12s. 6d.

*The Epistle to the Hebrews.*—GREEK AND ENGLISH. Edited by Rev. F. RENDALL. Cr. 8vo. 6s.

ENGLISH TEXT, with Commentary. By the same. Cr. 8vo. 7s. 6d.

THE GREEK TEXT, with Notes. By Very Rev. C. J. VAUGHAN. Cr. 8vo. 7s. 6d.

THE GREEK TEXT, with Notes and Essays. By Bishop WESTCOTT. 8vo. 14s.

*Revelation.*—LECTURES ON THE APOCALYPSE. By F. D. MAURICE. Cr. 8vo. 3s. 6d.

THE REVELATION OF ST. JOHN. By Prof. W. MILLIGAN. Cr. 8vo. 7s. 6d.

LECTURES ON THE APOCALYPSE. By the same. Cr. 8vo. 5s.

DISCUSSIONS ON THE APOCALYPSE. By the same. Cr. 8vo. 5s.

LECTURES ON THE REVELATION OF ST. JOHN. By Very Rev. C. J. VAUGHAN. 5th Ed. Cr. 8vo. 10s. 6d.

WRIGHT.—THE BIBLE WORD-BOOK. By W. ALDIS WRIGHT. Cr. 8vo. 7s. 6d.

## HISTORY OF THE CHRISTIAN CHURCH.

CHEETHAM.—HISTORY OF THE CHRISTIAN CHURCH DURING THE FIRST SIX CENTURIES. By Ven. S. CHEETHAM, D.D. Cr. 8vo. 10s. 6d.

MODERN CHURCH HISTORY. By the Same. [In preparation.]

CUNNINGHAM.—THE GROWTH OF THE CHURCH IN ITS ORGANISATION AND INSTITUTIONS. By Rev. JOHN CUNNINGHAM. 8vo. 9s.

CUNNINGHAM.—THE CHURCHES OF ASIA: A METHODICAL SKETCH OF THE SECOND CENTURY. By Rev. WILLIAM CUNNINGHAM. Cr. 8vo. 6s.

DALE.—THE SYNOD OF ELVIRA, AND CHRISTIAN LIFE IN THE FOURTH CENTURY. By A. W. W. DALE. Cr. 8vo. 10s. 6d.

GWATKIN.—EARLY HISTORY OF THE CHRISTIAN CHURCH. By Rev Prof. GWATKIN. [In preparation.]

HARDWICK.—Works by Archdeacon HARDWICK.

A HISTORY OF THE CHRISTIAN CHURCH: MIDDLE AGE. Edited by Bishop STUBBS. Cr. 8vo. 10s. 6d.

## A HISTORY OF THE CHRISTIAN CHURCH DURING THE REFORMATION.

9th Ed., revised by Bishop STUBBS. Cr. 8vo. 10s. 6d.

HARDY-GEE.—SELECT DOCUMENTS TO ILLUSTRATE HISTORY OF ENGLISH CHURCH. Edited by W. J. HARDY, F.S.A., and Rev. H. GEE. Cr. 8vo.

[In the Press.]

HORT.—Works by the late Prof. F. J. A. HORT, D.D.

LECTURES ON JUDAISTIC CHRISTIANITY. Cr. 8vo. 6s.

THE EARLY HISTORY OF THE ECCLESIA. Cr. 8vo. [In the Press.]

SIMPSON.—AN EPITOME OF THE HISTORY OF THE CHRISTIAN CHURCH. By Rev. W. SIMPSON. 7th Ed. Fcap. 8vo. 3s. 6d.

SOHM.—OUTLINES OF CHURCH HISTORY. By R. SOHM. Translated by Miss SINCLAIR. With Preface by Prof. GWATKIN. Cr. 8vo. 3s. 6d.

## THE CHURCH OF ENGLAND.

ALDOUS.—THOSE HOLY MYSTERIES. By Rev. J. C. P. ALDOUS. Pott 8vo. 1s. net.

CATECHISM AND CONFIRMATION. By the same. Pott 8vo. 1s.

BENHAM.—A COMPANION TO THE LECTORY. By Rev. W. BENHAM, B.D. Cr. 8vo. 4s. 6d.

COLENSO.—THE COMMUNION SERVICE FROM THE BOOK OF COMMON PRAYER. With Select Readings from the Writings of the Rev. F. D. MAURICE. Edited by Bishop COLENSO. 6th Ed. 16mo. 2s. 6d.

MACLEAR.—Works by Rev. G. F. MACLEAR, D.D.

\*A CLASS-BOOK OF THE CATECHISM OF THE CHURCH OF ENGLAND. Pott 8vo. 1s. 6d.

\*A FIRST CLASS-BOOK OF THE ABOVE. Pott 8vo. 6d.

THE ORDER OF CONFIRMATION. With Prayers and Devotions. 32mo. 6d.

FIRST COMMUNION. With Prayers and Devotions. 32mo. 6d.

\*A MANUAL OF INSTRUCTION FOR CONFIRMATION AND FIRST COMMUNION. With Prayers and Devotions. 32mo. 2s.

\*AN INTRODUCTION TO THE CREEDS. Pott 8vo. 3s. 6d.

MACLEAR—WILLIAMS.—AN INTRODUCTION TO THE THIRTY-NINE ARTICLES. By Rev. G. F. MACLEAR, D.D., and Rev. W. W. WILLIAMS. Cr. 8vo. 10s. 6d.

PROCTER.—A HISTORY OF THE BOOK OF COMMON PRAYER. By Rev. F. PROCTER. 18th Ed. Cr. 8vo. 10s. 6d.

\*PROCTER—MACLEAR.—AN ELEMENTARY INTRODUCTION TO THE BOOK OF COMMON PRAYER. By Rev. F. PROCTER and Rev. G. F. MACLEAR, D.D. Pott 8vo. 2s. 6d.

VAUGHAN.—TWELVE DISCOURSES ON SUBJECTS CONNECTED WITH THE LITURGY AND WORSHIP OF THE CHURCH OF ENGLAND. By Very Rev. C. J. VAUGHAN. Fcap. 8vo. 6s.

NOTES FOR LECTURES ON CONFIRMATION. With suitable Prayers. By the same. Pott 8vo. 1s. 6d.

## THE FATHERS.

CUNNINGHAM.—THE EPISTLE OF ST. BARNABAS. The Greek Text, the Latin Version, and a new English Translation and Commentary. By Rev. W. CUNNINGHAM. Cr. 8vo. 7s. 6d.

DONALDSON.—THE APOSTOLICAL FATHERS. A Critical Account of their Genuine Writings, and of their Doctrines. By Prof. JAMES DONALDSON. 2nd Ed. Cr. 8vo. 7s. 6d.

GWATKIN.—SELECTIONS FROM THE EARLY CHRISTIAN WRITERS. By Rev. Prof. GWATKIN. Cr. 8vo. 4s. net.

HORT.—LECTURES ON THE ANTE-NICENE FATHERS. By the late Rev. F. J. A. HORT, D.D. Crown 8vo. [In the Press.]

LIGHTFOOT.—THE APOSTOLIC FATHERS. Revised Texts, with Introductions, Notes, Dissertations, and Translations. By Bishop LIGHTFOOT. 8vo. Part I. ST. CLEMENT OF ROME. 2 vols. 32s. Part II. ST. IGNATIUS TO ST. POLYCARP. 3 vols. 48s.

ABRIDGED EDITION. With Introductions, Text, and Translations. 8vo. 16s

# A HISTORY OF MANKIND.

By Professor FRIEDERICH RATZEL. Translated from the Second German Edition by A. J. BUTLER, M.A., with Preface by E. B. TYLOR, D.C.L. With Thirty Coloured Plates, Maps, and numerous Illustrations in the Text. In Thirty Monthly Parts, from October 1895, at 1s. net., and in Three Volumes 12s. net each.

## THE CENTURY MAGAZINE.

NOVEMBER.

Price One Shilling and Fourpence. Illustrated.

This number (the first part of a New Volume) contains the opening chapter of Mrs. HUMPHRY WARD'S New Novel

### “SIR GEORGE TRESSADY,”

and numerous short stories and articles, including “The Devotion of Enriquez,” by BRET HARTE; “Equality as the Basis of Good Society,” by WILLIAM DEAN HOWELLS; the continuation of the “Life of Napoleon Bonaparte,” by WILLIAM M. SLOANE; “Eleanora Duse,” by J. RANKEN TOWSE; and “The Armenian Question,” by the Right Hon. JAMES BRYCE, M.P.

---

Also Ready, the NOVEMBER Number of

### ST. NICHOLAS.

An Illustrated Monthly Magazine for the Family Circle  
Price One Shilling.

MACMILLAN AND CO., LONDON.

# TENNYSON'S POETICAL WORKS.

*People's Edition in 23 Volumes, Cloth, 1s. net.*

*Persian, 1s. 6d. net, each Volume.*

(1) Juvenilia ; (2) The Lady of Shalott, etc. ; (3) A Dream of Fair Women ; (4) Locksley Hall, etc. ; (5) Will Waterproof, etc. ; (6) The Princess, Books I.-III. ; (7) The Princess, Books IV. to end ; (8) Enoch Arden, etc. ; (9) In Memoriam ; (10) Maud ; (11) The Brook, etc. ; (12, 13, 14, 15, 16, 17) Idylls of the King ; (18) The Lover's Tale ; (19) Rizpah, etc. ; (20) The Voyage of Maeldune, etc. ; (21) The Spinster's Sweet Arts, etc. ; (22) Demeter, etc. ; (23) The Death of OEnone, etc.

---

## THE POCKET EDITION OF

# CHARLES KINGSLEY'S WORKS.

*Pott 8vo, 1s. 6d. per Volume.*

HYPATIA. 1 vol.

POEMS. 1 vol.

ALTON LOCKE. 1 vol.

WESTWARD HO! 2 vols.

TWO YEARS AGO. 2 vols.

HEREWARD THE WAKE.

1 vol.

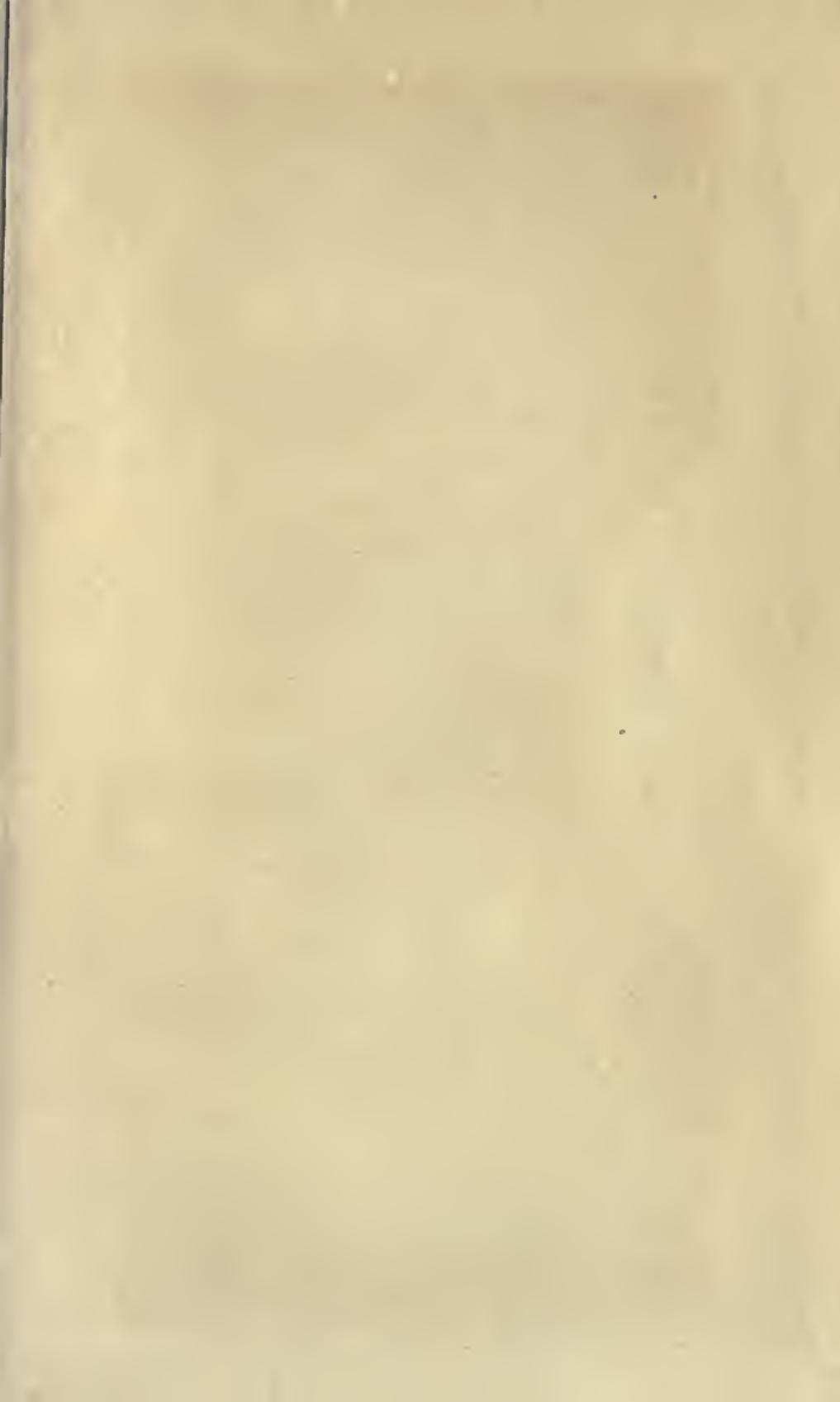
YEAST. 1 vol.

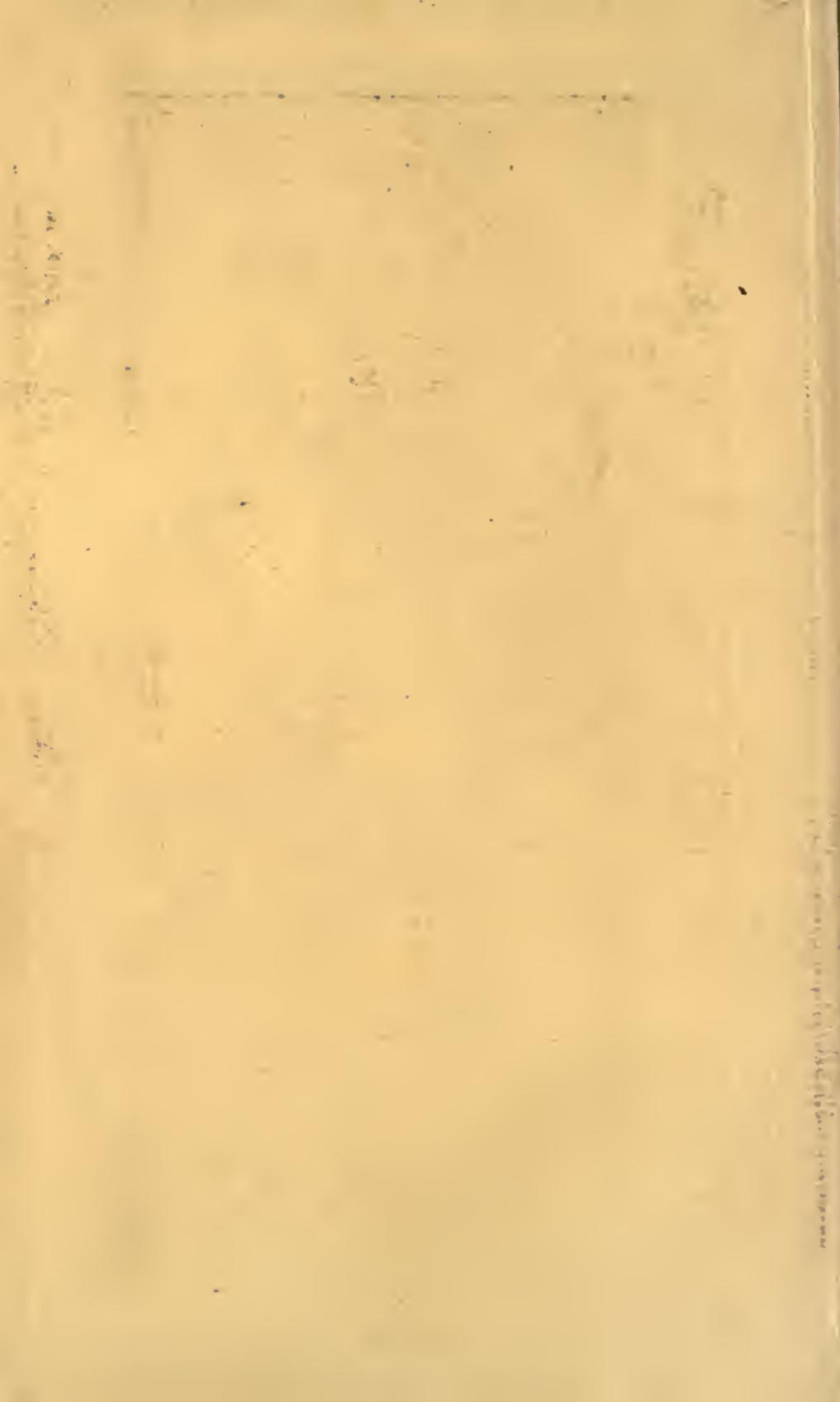
WATER BABIES. 1 vol.

THE HEROES. 1 vol.

---

MACMILLAN & CO., BEDFORD STREET,  
STRAND, LONDON.





PA  
6519  
M6A8  
1896

Ovidius Naso, Publius  
The eighth book of the  
Metamorphoses      Expurgated ed.

**PLEASE DO NOT REMOVE  
CARDS OR SLIPS FROM THIS POCKET**

---

---

**UNIVERSITY OF TORONTO LIBRARY**

---

